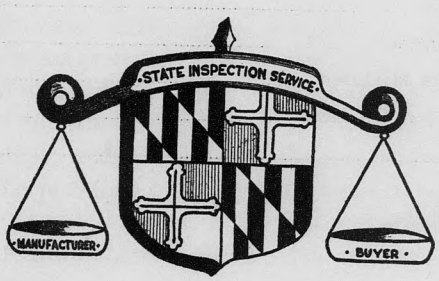
Control Series—Published Quarterly August Issue, 1933—No. 148

# Commercial Fertilizers, Commercial Feeds

AND

# Agriculturual Liming Materials




**STATE INSPECTION SERVICE**
Controlled by
**UNIVERSITY OF MARYLAND**
**College Park, Md.**

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## INTRODUCTION

The Inspection Laws of Maryland are designed to furnish the purchaser of feed, fertilizer and lime with a label or a tag showing an accurate description of the material offered for sale. With this information it is expected that the purchaser will be able to buy intelligently. It is not the purpose of the law to state what feed, fertilizer or lime he shall or shall not buy.

In order that the requirements of the laws may become effective and the sale of the above materials regulated, provisions are made for enforcement by authorizing the collection, analysis and prosecution by special agents or inspectors.

During the spring season, official representatives of this Department collected from dealers' warehouses, on trucks or in transit, 731 samples of commercial fertilizers. These samples, representing 396 brands, registered by 70 manufacturing or jobbing firms, were analyzed for the forms of plant food constituents which they were guaranteed to contain. These samples were classified as follows: 568 complete fertilizers; 23 ground bone; 55 superphosphates; 26 superphosphates and potash; 59 miscellaneous fertilizers.

There were 1316 official samples of feeding stuffs secured from manufacturers or dealers throughout the State during the first six months of this year. These samples were analyzed chemically and microscopically in order to determine whether or not brand names, guarantees and claimed composition were correct and for the presence of materials classified as adulterants. Seven samples of cod liver oil were biologically assayed to ascertain whether manufacturers' claims for anti-rachitic properties were substantiated.

75 samples of agricultural liming materials secured during the spring season were examined in order to establish the correctness of guarantees printed upon the sacks or attached cards. Separate determinations were made for calcium oxide, magnesium oxide and acid insoluble materials.

In addition to the analysis of official samples included in this report, 209 samples drawn and forwarded to this Department by purchasers were examined and reports transmitted to parties particularly interested. Since a representative sample is as essential as an accurate analysis in judging the quality of a product, this Organization can only vouch for the accuracy of the results obtained on the materials submitted.

## THE NEW FEED STUFF LAW

The 1933 session of the Maryland Legislature placed upon the Statute Books of this State a new Feed Stuff Law which became effective June 1, 1933. The principal changes between this new Act and the old, involves a reduction of $5.00 in the license fee on each brand of goods, and the inclusion within the jurisdiction of the Statute those materials containing more than 60 per cent of water. Acting under this authority, this Department will now supervise the manufacture and sale of semi-solid milk by-products, canned dog foods, wet brewers' grains and other materials containing over 60 per cent moisture which were excluded under the old Act. The inclusion of these materials within the jurisdiction of the present Feed Law will insure greater protection to feed consumers and manufacturers than has ever been rendered in the past.

## COD LIVER OIL AND ALLIED MATERIALS

The nutritional importance of vitamin D in livestock feeding is well established. Poultrymen, in particular, now realize that it is advisable to add some substance especially rich in vitamin D to the usual chicken rations in order to insure an adequate supply.

As the Attorney General of Maryland has ruled that materials sold as sources of vitamins for livestock and poultry feeding come within the jurisdiction of the Feed Inspection Law of this State, this Department is now requiring the licensing of all products sold as specific sources of vitamin D.

Samples of these materials are being assayed periodically in our laboratories to check their value as carriers of this vitamin. The results of such an assay of samples of eleven different products were included on our November 1932 publication.

The results of a more recent test of samples of seven brands of cod liver oil, all of which were sold in Maryland since January 1, 1933, are given on page 98 of this bulletin. In this report we are departing from the conventional practice of giving the actual ash percentages observed for the several levels of the various products. Where a normal ash content was observed in our tests, we are designating the sample as "Satisfactory"; if the ash percentage was found definitely below normal, the notation is "Unsatisfactory". It is believed that this method of reporting such results will avoid both unethical and mistaken interpretations of insignificant differences in ash percentages, and at the same time give the essential information for which the tests are conducted.

## FERTILIZER ANALYSIS

A detailed report of the results obtained in the inspection and analysis of fertilizers from January 1, 1933, to July 1, 1933, is contained in pages 6 to 29 inclusive.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **Acme Guano Co., Baltimore, Md.** | | | | | | | | | | | | |
| 5-8-5 Fertilizer | Baltimore | 5.00 | 5.03 | 4.00 | 3.85 | 1.00 | 1.18 | .40 | 8.00 | 8.00 | 5.00 | 5.38 |
| Market Garden | Baltimore | 3.00 | 3.17 | 2.40 | 2.39 | .60 | .78 | .20 | 8.00 | 7.60 | 8.00 | 8.00 |
| Potato and Truck | Baltimore | 4.00 | 4.16 | 3.20 | 3.00 | .80 | 1.16 | .50 | 8.00 | 8.00 | 5.00 | 5.30 |
| **Agricultural Corporation of Maryland, Baltimore, Md.** | | | | | | | | | | | | |
| Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | 3.90 | 16.00 | 17.50 | ..... | ..... |
| Md. Farm Bureau Fert. 4-8-5 | Baltimore | 4.00 | 3.99 | 4.00 | 3.65 | 0.00 | .34 | 2.40 | 8.00 | 8.80 | 5.00 | 5.56 |
| **American Agricultural Chem. Co., New York, N. Y.** | | | | | | | | | | | | |
| A. A. Superphosphate 20% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .70 | 20.00 | 21.00 | ..... | ..... |
| A. A. Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | 1.40 | 16.00 | 17.70 | ..... | ..... |
| A. A. Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | 1.30 | 16.00 | 17.00 | ..... | ..... |
| A. A. Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | 1.10 | 16.00 | 16.60 | ..... | ..... |
| A. A. Basic Lime Phosphate 13% | Hancock | ..... | ..... | ..... | ..... | ..... | ..... | 1.80 | 13.00 | 13.10 | ..... | ..... |
| A. A. Acme Fertilizer | Baltimore | 1.00 | 1.08 | .75 | .79 | .25 | .29 | .80 | 9.00 | 9.20 | 4.00 | 4.40 |
| A. A. Acme Fertilizer | Baltimore | 1.00 | 1.08 | .75 | .73 | .25 | .35 | .80 | 9.00 | 9.40 | 4.00 | 4.24 |
| A. A. Acme Fertilizer | Baltimore | 1.00 | 1.15 | .75 | .91 | .25 | .24 | 1.00 | 9.00 | 9.20 | 4.00 | 4.30 |
| Agrico for Corn | Baltimore | 3.00 | 2.98 | 2.25 | 2.16 | .75 | .82 | .80 | 12.00 | 12.70 | 6.00 | 6.32 |
| Agrico for Corn | Baltimore | 3.00 | 3.00 | 2.25 | 2.22 | .75 | .78 | 1.70 | 12.00 | 12.10 | 6.00 | 6.26 |
| Agrico for Corn | Baltimore | 3.00 | 3.02 | 2.25 | 2.22 | .75 | .80 | 1.90 | 12.00 | 11.70 | 6.00 | 6.02 |
| †Agrico for Corn | Baltimore | 3.00 | 3.12 | 2.25 | 2.77 | .75 | .34 | .80 | 12.00 | 12.00 | 6.00 | 6.40 |
| Agrico for Pastures & Top Dressing | Baltimore | 7.00 | 6.99 | 6.30 | 6.01 | .70 | .98 | .70 | 6.00 | 6.40 | 6.00 | 6.40 |
| Agrico for Potatoes | Baltimore | 4.00 | 4.14 | 3.00 | 3.06 | 1.00 | 1.08 | .50 | 8.00 | 8.60 | 7.00 | 7.24 |
| Agrico for Potatoes | Baltimore | 4.00 | 4.02 | 3.00 | 3.00 | 1.00 | 1.02 | .70 | 8.00 | 8.40 | 7.00 | 7.24 |
| Agrico for Potatoes | Owings | 4.00 | 4.00 | 3.00 | 2.95 | 1.00 | 1.05 | .80 | 8.00 | 8.30 | 7.00 | 7.20 |
| Agrico for Potatoes | Baltimore | 4.00 | 4.11 | 3.00 | 3.03 | 1.00 | 1.08 | .80 | 8.00 | 8.10 | 7.00 | 7.36 |
| Agrico for Tobacco-Sulphate | Baltimore | 5.00 | 5.11 | 3.75 | 3.90 | 1.25 | 1.21 | .70 | 8.00 | 8.80 | 10.00 | 10.40 |
| Agrico for Tomatoes | Baltimore | 3.00 | 3.00 | 2.25 | 2.22 | .75 | .78 | 1.90 | 12.00 | 11.70 | 6.00 | 6.12 |
| Agrico for Tomatoes | Baltimore | 3.00 | 3.00 | 2.25 | 2.16 | .75 | .84 | 1.60 | 12.00 | 11.80 | 6.00 | 6.16 |
| Agrico for Truck | Baltimore | 5.00 | 5.00 | 3.75 | 3.82 | 1.25 | 1.18 | 1.00 | 10.00 | 10.20 | 5.00 | 5.10 |
| Agrico for Truck | Baltimore | 5.00 | 5.01 | 3.75 | 3.76 | 1.25 | 1.25 | .90 | 10.00 | 10.00 | 5.00 | 5.30 |
| Agrico for Truck | Baltimore | 5.00 | 4.84 | 3.75 | 3.65 | 1.25 | 1.19 | .60 | 10.00 | 10.90 | 5.00 | 5.20 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Agrico for Tomatoes | Baltimore | 3.00 | 3.00 | 2.25 | 2.16 | .75 | .84 | 1.60 | 12.00 | 11.80 | 6.00 | 6.16 |
| Agrico for Truck | Baltimore | 5.00 | 5.00 | 3.75 | 3.82 | 1.25 | 1.18 | 1.00 | 10.00 | 10.20 | 5.00 | 5.10 |
| Agrico for Truck | Baltimore | 5.00 | 5.01 | 3.75 | 3.76 | 1.25 | 1.25 | .90 | 10.00 | 10.00 | 5.00 | 5.30 |
| Agrico for Truck | Baltimore | 5.00 | 4.84 | 3.75 | 3.65 | 1.25 | 1.19 | .60 | 10.00 | 10.90 | 5.00 | 5.20 |
| Agrico for Truck | Harwood | 5.00 | 5.00 | 3.75 | 3.62 | 1.25 | 1.38 | .70 | 10.00 | 10.40 | 5.00 | 5.40 |
| Agrico for Truck | Baltimore | 5.00 | 4.98 | 3.75 | 4.14 | 1.25 | .84 | 1.00 | 10.00 | 10.30 | 5.00 | 5.16 |
| Agrico for Truck | Baltimore | 5.00 | 5.01 | 3.75 | 3.93 | 1.25 | 1.08 | .80 | 10.00 | 10.40 | 5.00 | 5.26 |
| Agrico for Truck | Baltimore | 5.00 | 4.98 | 3.75 | 3.73 | 1.25 | 1.25 | .60 | 10.00 | 10.60 | 5.00 | 5.40 |
| A. A. Climax Fertilizer | Baltimore | 3.00 | 3.06 | 2.25 | 2.22 | .75 | .84 | 1.30 | 12.00 | 12.70 | 6.00 | 6.00 |
| A. A. Early Trucker Fertilizer | Baltimore | 4.00 | 4.13 | 3.00 | 2.98 | 1.00 | 1.15 | 1.10 | 8.00 | 8.50 | 5.00 | 5.10 |
| A. A. Early Trucker Fertilizer | Baltimore | 4.00 | 3.99 | 3.00 | 3.09 | 1.00 | .90 | .90 | 8.00 | 8.90 | 5.00 | 5.28 |
| A. A. Early Trucker Fertilizer | Adelina | 4.00 | 4.27 | 3.00 | 3.03 | 1.00 | 1.24 | .90 | 8.00 | 8.70 | 5.00 | 5.24 |
| A. A. Early Trucker Fertilizer | Baltimore | 4.00 | 4.04 | 3.00 | 3.41 | 1.00 | .63 | 1.00 | 8.00 | 8.30 | 5.00 | 5.34 |
| A. A. Early Trucker Fertilizer | Up'r Marlboro | 4.00 | 4.10 | 3.00 | 3.10 | 1.00 | 1.00 | .90 | 8.00 | 8.60 | 5.00 | 5.30 |
| A. A. Early Trucker Fertilizer | Salsibury | 4.00 | 4.10 | 3.00 | 2.95 | 1.00 | 1.15 | 1.10 | 8.00 | 8.20 | 5.00 | 5.32 |
| A. A. Early Trucker Fertilizer | Baltimore | 4.00 | 4.03 | 3.00 | 3.26 | 1.00 | .77 | .80 | 8.00 | 8.70 | 5.00 | 5.40 |
| A. A. Early Trucker Fertilizer | Baltimore | 4.00 | 3.99 | 3.00 | 3.09 | 1.00 | .90 | .90 | 8.00 | 8.10 | 5.00 | 5.30 |
| A. A. Early Trucker Fertilizer | Baltimore | 4.00 | 4.10 | 3.00 | 3.06 | 1.00 | 1.04 | .80 | 8.00 | 8.40 | 5.00 | 5.36 |
| A. A. Farmers Friend Fertilizer | Baltimore | 2.00 | 2.13 | 1.50 | 1.40 | .50 | .73 | 1.50 | 12.00 | 12.80 | 4.00 | 4.10 |
| A. A. Farmers Friend Fertilizer | Baltimore | 2.00 | 2.05 | 1.50 | 1.52 | .50 | .53 | 1.40 | 12.00 | 12.30 | 4.00 | 4.06 |
| A. A. Fine Ground Bone | Hyattsville | 2.47 | 2.75 | ..... | ..... | ..... | ..... | ..... | *23.00 | *23.80 | ..... | ..... |
| AA.Golden Leaf Tobacco Fert.-Sulphate | Baltimore | 4.00 | 4.07 | 3.00 | 3.19 | 1.00 | .88 | 1.30 | 8.00 | 8.50 | 7.00 | 7.20 |
| AA.Golden Leaf Tobacco Fert.-Sulphate | Baltimore | 4.00 | 4.06 | 3.00 | 3.03 | 1.00 | 1.03 | 1.00 | 8.00 | 8.70 | 7.00 | 7.20 |
| AA.Golden Leaf Tobacco Fert.-Sulphate | Baltimore | 4.00 | 4.23 | 3.00 | 3.09 | 1.00 | 1.12 | 1.10 | 8.00 | 8.90 | 7.00 | 7.08 |
| AA.Golden Leaf Tobacco Fert.-Sulphate | Baltimore | 4.00 | 4.10 | 3.00 | 3.02 | 1.00 | 1.08 | 1.00 | 8.00 | 8.70 | 7.00 | 7.02 |
| AA.Golden Leaf Tobacco Fert.-Sulphate | Clements | 4.00 | 4.00 | 3.00 | 3.06 | 1.00 | .94 | 1.00 | 8.00 | 8.40 | 7.00 | 7.28 |
| A. A. Kainit | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14.00 | 14.06 |
| A. A. Kangaroo Komplete Kompound | Baltimore | 2.00 | 2.04 | 1.50 | 1.46 | .50 | .58 | .80 | 9.00 | 9.80 | 3.00 | 3.24 |
| McComas Bros. High Grade | Baltimore | 2.00 | 2.05 | 1.50 | 1.39 | .50 | .66 | .70 | 8.00 | 8.80 | 5.00 | 5.00 |
| McComas Bros. High Grade | Bel Air | 2.00 | 2.01 | 1.50 | 1.76 | .50 | .25 | 1.00 | 8.00 | 8.00 | 5.00 | 5.16 |
| A. A. Monarch Fertilizer | Bel Air | 4.00 | 3.99 | 3.00 | 3.03 | 1.00 | .96 | 1.00 | 8.00 | 8.50 | 4.00 | 4.30 |
| A. A. Monarch Fertilizer | Up'r Marlboro | 4.00 | 3.99 | 3.00 | 2.92 | 1.00 | 1.07 | 1.00 | 8.00 | 8.20 | 4.00 | 4.40 |
| A. A. Old Hickory Fertilizer | Baltimore | 2.00 | 2.04 | 1.50 | 1.43 | .50 | .61 | .80 | 8.00 | 8.50 | 10.00 | 10.40 |
| A. A. Old Hickory Fertilizer | Adelina | 2.00 | 1.98 | 1.50 | 1.39 | .50 | .59 | 1.00 | 8.00 | 8.30 | 10.00 | 10.30 |
| A. A. Prince George Tobacco Fertilizer-Sulphate | Baltimore | 4.00 | 4.04 | 3.00 | 3.08 | 1.00 | .98 | .80 | 8.00 | 8.80 | 12.00 | 12.40 |
| A. A. Prince George Tobacco Fertilizer-Sulphate | Baltimore | 4.00 | 3.99 | 3.00 | 3.03 | 1.00 | .96 | .90 | 8.00 | 8.40 | 12.00 | 12.06 |
| A. A. Prince George Tobacco Fertilizer-Sulphate | Baltimore | 4.00 | 4.02 | 3.00 | 3.00 | 1.00 | 1.02 | .80 | 8.00 | 8.70 | 12.00 | 12.40 |
| A. A. Prince George Tobacco Fertilizer-Sulphate | Baltimore | 4.00 | 4.09 | 3.00 | 3.00 | 1.00 | 1.09 | .60 | 8.00 | 8.70 | 12.00 | 12.40 |
| A. A. Prince George Tobacco Fertilizer-Sulphate | Baltimore | 4.00 | 4.02 | 3.00 | 2.99 | 1.00 | 1.03 | .80 | 8.00 | 8.60 | 12.00 | 12.08 |
| A.A.Pulverized Sheep & Goat Manure | Baltimore | 1.25 | 1.50 | ..... | ..... | ..... | ..... | ..... | *1.00 | *1.20 | 2.00 | 4.04 |
| A.A.Pulverized Sheep & Goat Manure | Up'r Marlboro | 1.24 | 1.54 | ..... | ..... | ..... | ..... | ..... | *1.00 | *1.00 | 2.00 | 4.12 |

* Total Phosphoric Acid. † Mineral and Organic findings do not substantiate manufacturers declaration.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **American Agricultural Chem. Co., New Yo** | **rk, N.Y.(Cont.)** | | | | | | | | | | | |
| A. A. Pure Raw Bone | Up'r Marlboro | 3.70 | 3.85 | ..... | ..... | ..... | ..... | ..... | *20.00 | *22.30 | ..... | ..... |
| A. A. Red Dog Fertilizer | Baltimore | 2.00 | 2.06 | 1.50 | 1.33 | .50 | .73 | .80 | 8.00 | 8.40 | 5.00 | 5.24 |
| A. A. Red Dog Fertilizer | Baltimore | 2.00 | 2.11 | 1.50 | 1.45 | .50 | .66 | .90 | 8.00 | 8.30 | 5.00 | 5.24 |
| A. A. Red Dog Fertilizer | Baltimore | 2.00 | 1.95 | 1.50 | 1.40 | .50 | .55 | .80 | 8.00 | 8.10 | 5.00 | 5.00 |
| A. A. Red Dog Fertilizer | Hyattsville | 2.00 | 1.99 | 1.50 | 1.68 | .50 | .31 | .70 | 8.00 | 8.10 | 5.00 | 5.20 |
| A. A. Red Dog Fertilizer | Baltimore | 2.00 | 2.01 | 1.50 | 1.54 | .50 | .47 | .80 | 8.00 | 8.40 | 5.00 | 5.14 |
| A. A. Red Leaf Tobacco Fert.-Sulphate | Baltimore | 4.00 | 4.11 | 3.00 | 3.30 | 1.00 | .81 | 1.20 | 8.00 | 8.40 | 10.00 | 10.40 |
| A. A. Reliance Fertilizer | Baltimore | 5.00 | 5.01 | 3.75 | 3.71 | 1.25 | 1.30 | .80 | 8.00 | 9.10 | 5.00 | 5.22 |
| AA.Sweepstakes Tobacco Fert.-Sulphate | Baltimore | 3.00 | 3.00 | 2.25 | 2.25 | .75 | .75 | .80 | 8.00 | 9.10 | 3.00 | 3.00 |
| AA.Sweepstakes Tobacco Fert.-Sulphate | Baltimore | 3.00 | 3.06 | 2.25 | 2.42 | .75 | .64 | .80 | 8.00 | 9.50 | 3.00 | 3.24 |
| A.A. Tobacco Bed Fertilizer-Sulphate | Waldorf | 6.00 | 6.00 | 5.40 | 5.31 | .60 | .69 | .40 | 6.00 | 6.60 | 8.00 | 8.92 |
| A.A. Tobacco Bed Fertilizer-Sulphate | Baltimore | 6.00 | 6.26 | 5.40 | 5.69 | .60 | .57 | .30 | 6.00 | 7.10 | 8.00 | 8.56 |
| A.A. Tobacco Bed Fertilizer-Sulphate | Baltimore | 6.00 | 5.70 | 5.40 | 4.94 | .60 | .76 | .40 | 6.00 | 6.90 | 8.00 | 9.60 |
| A.A. Tobacco Bed Fertilizer-Sulphate | Baltimore | 6.00 | 6.01 | 5.40 | 5.25 | .60 | .76 | .30 | 6.00 | 6.90 | 8.00 | 8.20 |
| A.A. Top Dresser Fertilizer | Baltimore | 5.00 | 4.91 | 3.75 | 3.60 | 1.25 | 1.31 | .90 | 8.00 | 8.40 | ..... | ..... |
| A.A. Victory Mixture | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | 1.50 | 12.00 | 12.80 | 5.00 | 5.30 |
| A.A. Victory Mixture | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | 1.50 | 12.00 | 12.40 | 5.00 | 5.24 |
| Detrick's Gold Basis Fertilizer | Baltimore | 6.00 | 6.01 | 4.50 | 4.35 | 1.50 | 1.66 | .50 | 6.00 | 6.30 | 5.00 | 5.38 |
| Detrick's Gold Basis Fertilizer | Up'r Marlboro | 6.00 | 6.00 | 4.50 | 4.41 | 1.50 | 1.59 | .40 | 6.00 | 6.40 | 5.00 | 5.38 |
| Detrick's Gold Basis Fertilizer | Salisbury | 6.00 | 6.15 | 4.50 | 4.35 | 1.50 | 1.80 | .50 | 6.00 | 6.40 | 5.00 | 5.40 |
| Lister's Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | 1.50 | 16.00 | 17.70 | ..... | ..... |
| Lister's Superphosphate 16% | Hancock | ..... | ..... | ..... | ..... | ..... | ..... | 1.40 | 16.00 | 16.60 | ..... | ..... |
| Lister's G. Brand Fertilizer | Baltimore | 1.00 | 1.08 | .75 | .70 | .25 | .38 | .80 | 9.00 | 9.30 | 4.00 | 4.10 |
| Lister's Harvest Queen Fertilizer | Baltimore | 2.00 | 2.11 | 1.50 | 1.45 | .50 | .66 | .80 | 8.00 | 8.70 | 5.00 | 5.24 |
| Slingluff's Plant Bed Fert.-Sulphate | Up'r Marlboro | 10.00 | 9.99 | 9.00 | 9.99 | 1.00 | 0.00 | .20 | 5.00 | 5.30 | 2.00 | 1.82 |
| Slingluff's Plant Bed Fert.-Sulphate | Baltimore | 10.00 | 10.00 | 9.00 | 9.03 | 1.00 | .99 | .30 | 5.00 | 5.50 | 2.00 | 2.40 |
| Slingluff's Plant Bed Fert.-Sulphate | Baltimore | 10.00 | 9.87 | 9.00 | 8.96 | 1.00 | .91 | .30 | 5.00 | 5.80 | 2.00 | 2.40 |
| Slingluff's Plant Bed Fert.-Sulphate | Baltimore | 10.00 | 10.08 | 9.00 | 8.95 | 1.00 | 1.13 | .30 | 5.00 | 5.50 | 2.00 | 2.18 |
| **American Cyanamid Co., New York, N. Y.** | | | | | | | | | | | | |
| Aero Cyanamid | Denton | 22.00 | 22.40 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **Armour Fertilizer Works, Baltimore, Md.** | | | | | | | | | | | | |
| Big Crop Superphosphate 20% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .30 | 20.00 | 20.50 | ..... | ..... |
| Big Crop Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .20 | 16.00 | 16.10 | ..... | ..... |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aero Cyanamid | Denton | 22.00 | 22.40 | | | | | | | | | | |
| **Armour Fertilizer Works, Baltimore, Md.** | | | | | | | | | | | | | |
| Big Crop Superphosphate 20% | Baltimore | | | | | | | .30 | 20.00 | 20.50 | | | |
| Big Crop Superphosphate 16% | Baltimore | | | | | | | .20 | 16.00 | 16.10 | | | |
| Big Crop Superphosphate 16% | Mt. Lake Park | | | | | | | .40 | 16.00 | 16.70 | | | |
| Bone Meal | Baltimore | 2.47 | 2.42 | | | | | | *22.00 | *21.50 | | | |
| Big Crop 5-10-5 Fertilizer | Baltimore | 5.00 | 5.24 | 3.75 | 4.24 | 1.25 | 1.00 | .20 | 10.00 | 10.20 | 5.00 | 5.56 |
| Big Crop 5-8-5 Fertilizer | Baltimore | 5.00 | 4.90 | 3.00 | 2.81 | 2.00 | 2.09 | .20 | 8.00 | 8.20 | 5.00 | 5.40 |
| Big Crop 5-8-5 Fertilizer | Baltimore | 5.00 | 5.07 | 3.00 | 3.09 | 2.00 | 1.98 | .20 | 8.00 | 8.40 | 5.00 | 5.22 |
| Big Crop 4-16-10 Fertilizer | Baltimore | 4.00 | 3.99 | 4.00 | 3.85 | 0.00 | .14 | .30 | 16.00 | 16.40 | 10.00 | 10.40 |
| Big Crop 4-16-10 Fertilizer | Elkton | 4.00 | 4.30 | 4.00 | 4.13 | 0.00 | .17 | .50 | 16.00 | 16.20 | 10.00 | 9.92 |
| Big Crop 4-8-7 Fertilizer | Baltimore | 4.00 | 4.14 | 3.00 | 3.29 | 1.00 | .85 | .20 | 8.00 | 8.20 | 7.00 | 7.24 |
| Big Crop 4-8-7 Fertilizer | Baltimore | 4.00 | 3.99 | 3.00 | 2.84 | 1.00 | 1.15 | .20 | 8.00 | 8.00 | 7.00 | 7.40 |
| Big Crop 4-8-7 Fertilizer | Elkton | 4.00 | 3.99 | 3.00 | 2.81 | 1.00 | 1.18 | .20 | 8.00 | 8.10 | 7.00 | 7.72 |
| Big Crop 4-8-7 Fertilizer | Faston | 4.00 | 4.00 | 3.00 | 2.95 | 1.00 | 1.05 | .20 | 8.00 | 8.30 | 7.00 | 7.10 |
| Big Crop 4-8-7 Fertilizer | Woodsboro | 4.00 | 3.99 | 3.00 | 2.90 | 1.00 | 1.09 | .20 | 8.00 | 8.30 | 7.00 | 7.04 |
| Big Crop 4-8-7 Fertilizer | Baltimore | 4.00 | 4.03 | 3.00 | 3.01 | 1.00 | 1.02 | .20 | 8.00 | 8.10 | 7.00 | 7.72 |
| Big Crop 4-8-5 Fertilizer | Easton | 4.00 | 3.85 | 2.40 | 2.28 | 1.60 | 1.57 | .30 | 8.00 | 8.10 | 5.00 | 5.18 |
| Big Crop 4-8-5 Fertilizer | Baltimore | 4.00 | 3.86 | 2.40 | 2.30 | 1.60 | 1.56 | .30 | 8.00 | 8.50 | 5.00 | 5.36 |
| Big Crop 4-8-5 Fertilizer | Baltimore | 4.00 | 3.99 | 2.40 | 2.39 | 1.60 | 1.60 | .30 | 8.00 | 8.00 | 5.00 | 5.24 |
| Big Crop 4-8-5 Fertilizer | Baltimore | 4.00 | 3.92 | 2.40 | 2.15 | 1.60 | 1.77 | .30 | 8.00 | 8.40 | 5.00 | 5.26 |
| Big Crop 4-8-5 Fertilizer | Salisbury | 4.00 | 3.79 | 2.40 | 2.38 | 1.60 | 1.41 | .20 | 8.00 | 8.30 | 5.00 | 5.80 |
| Big Crop 4-8-5 Fertilizer | Easton | 4.00 | 4.00 | 2.40 | 2.39 | 1.60 | 1.61 | .20 | 8.00 | 8.10 | 5.00 | 5.86 |
| Big Crop 4-8-5 Fertilizer | Baltimore | 4.00 | 3.99 | 2.40 | 2.37 | 1.60 | 1.62 | .20 | 8.00 | 8.00 | 5.00 | 5.40 |
| Big Crop 4-8-4 Fertilizer | Baltimore | 4.00 | 3.99 | 3.00 | 3.09 | 1.00 | .90 | .20 | 8.00 | 8.10 | 4.00 | 4.20 |
| Big Crop 8-5-2 Fertilizer | Baltimore | 8.00 | 7.92 | 7.20 | 6.98 | .80 | .94 | .10 | 5.00 | 5.10 | 2.00 | 2.30 |
| Big Crop 8-5-2 Fertilizer | Baltimore | 8.00 | 7.95 | 7.20 | 6.98 | .80 | .97 | .20 | 5.00 | 5.00 | 2.00 | 2.36 |
| Kainit | Baltimore | | | | | | | | | | 14.00 | 14.30 |
| Muriate of Potash | Mt. Lake Park | | | | | | | | | | 48.00 | 48.10 |
| Big Crop 1-9-4 Fertilizer | Baltimore | 1.00 | 1.17 | .65 | .67 | .35 | .50 | .10 | 9.00 | 9.40 | 4.00 | 4.20 |
| Big Crop 1-9-4 Fertilizer | Baltimore | 1.00 | 1.19 | .65 | .67 | .35 | .52 | .30 | 9.00 | 9.00 | 4.00 | 4.20 |
| Big Crop 6-12-7 Fertilizer | Elkton | 6.00 | 5.94 | 6.00 | 5.70 | 0.00 | .24 | .20 | 12.00 | 12.50 | 7.00 | 7.06 |
| Big Crop 6-6-5 Fertilizer | Baltimore | 6.00 | 6.11 | 3.60 | 3.72 | 2.40 | 2.39 | .10 | 6.00 | 6.20 | 5.00 | 5.20 |
| Big Crop 6-6-5 Fertilizer | Baltimore | 6.00 | 6.04 | 3.60 | 3.53 | 2.40 | 2.57 | .20 | 6.00 | 6.00 | 5.00 | 5.44 |
| Big Crop 6-6-5 Fertilizer | Easton | 6.00 | 5.90 | 3.60 | 3.75 | 2.40 | 2.15 | .20 | 6.00 | 6.20 | 5.00 | 5.16 |
| Big Crop 6-6-5 Fertilizer | Baltimore | 6.00 | 6.00 | 3.60 | 3.66 | 2.40 | 2.34 | .20 | 6.00 | 6.20 | 5.00 | 5.66 |
| Big Crop 3-12-6 Fertilizer | Baltimore | 3.00 | 2.81 | 2.25 | 2.05 | .75 | .73 | .40 | 12.00 | 12.30 | 6.00 | 6.40 |
| Big Crop 3-12-6 Fertilizer | Baltimore | 3.00 | 3.02 | 2.25 | 2.18 | .75 | .84 | .30 | 12.00 | 12.30 | 6.00 | 6.40 |
| Big Crop 3-12-6 Fertilizer | Elkton | 3.00 | 3.02 | 2.25 | 2.20 | .75 | .82 | .40 | 12.00 | 12.30 | 6.00 | 6.00 |
| Big Crop 3-12-6 Fertilizer | Easton | 3.00 | 2.99 | 2.25 | 2.16 | .75 | .83 | .40 | 12.00 | 12.10 | 6.00 | 6.00 |
| Big Crop 3-8-10 Fertilizer | Baltimore | 3.00 | 2.99 | 2.25 | 2.05 | .75 | .94 | .20 | 8.00 | 8.10 | 10.00 | 10.20 |
| Big Crop 3-8-10 Fertilizer | Baltimore | 3.00 | 2.99 | 2.25 | 2.19 | .75 | .80 | .10 | 8.00 | 8.20 | 10.00 | 10.40 |
| Big Crop 3-8-10 Fertilizer | Easton | 3.00 | 3.00 | 2.25 | 2.04 | .75 | .96 | .30 | 8.00 | 8.30 | 10.00 | 10.24 |
| Big Crop 3-8-10 Fertilizer | Salisbury | 3.00 | 2.99 | 2.25 | 2.13 | .75 | .86 | .30 | 8.00 | 8.00 | 10.00 | 10.24 |

* Total Phosphoric Acid.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **Armour Fertilizer Works, Baltimore, Md.** | (Cont.) | | | | | | | | | | | |
| Big Crop 3-8-6 Fertilizer | Baltimore | 3.00 | **3.00** | 2.25 | **2.20** | .75 | .80 | .10 | 8.00 | **8.80** | 8.00 | **8.10** |
| Big Crop 3-8-8 Fertilizer | Baltimore | 3.00 | **3.03** | 2.25 | **2.20** | .75 | .83 | .30 | 8.00 | **8.20** | 8.00 | **8.32** |
| Big Crop 2-8-10 Fertilizer | Mt. Lake Park | 2.00 | **2.04** | 1.50 | **1.40** | .50 | .64 | .30 | 8.00 | **8.10** | 10.00 | **10.06** |
| Big Crop 2-8-5 Fertilizer | Baltimore | 2.00 | **1.88** | 1.50 | **1.32** | .50 | .56 | .10 | 8.00 | **8.00** | 5.00 | **5.10** |
| Big Crop 2-8-5 Fertilizer | Baltimore | 2.00 | **1.99** | 1.50 | **1.38** | .50 | .61 | .30 | 8.00 | **8.40** | 5.00 | **5.22** |
| Big Crop 2-8-5 Fertilizer | Baltimore | 2.00 | **2.04** | 1.50 | **1.38** | .50 | .66 | .20 | 8.00 | **8.00** | 5.00 | **5.28** |
| Special Turf Fertilizer | Elkton | 10.00 | **10.03** | 10.00 | **9.76** | 0.00 | .27 | .10 | 8.00 | **8.00** | 6.00 | **6.18** |
| Sulphate of Ammonia | Baltimore | 20.50 | **20.68** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Big Crop Tobacco Bed Fertilizer | Baltimore | 6.00 | **6.12** | 5.40 | **5.17** | .60 | .95 | .20 | 6.00 | **6.00** | 8.00 | **8.20** |
| Vert | Elkton | 5.00 | **5.00** | 5.00 | **4.86** | 0.00 | .14 | 5.80 | 8.00 | **9.40** | 6.00 | **6.40** |
| **Associated Chemical Co., Baltimore, Md.** | | | | | | | | | | | | |
| Kainit | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14.00 | **14.00** |
| Pure Raw Bone | Elkton | 3.70 | **4.11** | ..... | ..... | ..... | ..... | ..... | *20.00 | ***20.20** | ..... | ..... |
| Pure Raw Bone | Mt. Airy | 3.70 | **4.02** | ..... | ..... | ..... | ..... | ..... | *20.00 | ***21.60** | ..... | ..... |
| Sheep and Goat Manure | Elkton | 1.25 | **1.24** | ..... | ..... | ..... | ..... | ..... | *1.00 | ***1.60** | 2.00 | **2.40** |
| Soilvim | Denton | 5.00 | **5.26** | 4.25 | **4.93** | .75 | .33 | .20 | 10.00 | **10.00** | 5.00 | **6.20** |
| Sulphate of Ammonia | Baltimore | 20.56 | **20.58** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **Baltimore Fertilizer Co., Baltimore, Md.** | | | | | | | | | | | | |
| Honest 4-8-4 | Baltimore | 4.00 | **3.98** | 3.50 | **3.26** | .50 | .72 | .20 | 8.00 | **8.50** | 4.00 | **4.40** |
| Honest 4-8-4 | Bel Air | 4.00 | **4.18** | 3.50 | **3.45** | .50 | .73 | .20 | 8.00 | **8.10** | 4.00 | **4.60** |
| Honest 2-8-10 | Bel Air | 2.00 | **2.47** | 1.50 | **1.77** | .50 | .70 | .30 | 8.00 | **8.20** | 10.00 | **10.36** |
| Honest 2-8-5 | Baltimore | 2.00 | **2.16** | 1.50 | **1.32** | .50 | .84 | .20 | 8.00 | **8.30** | 5.00 | **5.28** |
| Honest 2-8-5 | Bel Air | 2.00 | **2.57** | 1.50 | **1.83** | .50 | .74 | .40 | 8.00 | **8.00** | 5.00 | **6.16** |
| Honest 2-8-5 | Glyndon | 2.00 | **1.99** | 1.50 | **1.46** | .50 | .53 | .30 | 8.00 | **8.20** | 5.00 | **5.32** |
| Honest Tobacco Bed Guano | La Plata | 8.00 | **7.68** | 7.40 | **6.81** | .60 | .87 | .20 | 5.00 | **8.00** | 2.00 | **2.08** |
| Honest Tobacco Bed Guano | Baltimore | 8.00 | **8.47** | 7.40 | **7.48** | .60 | .99 | .10 | 5.00 | **5.70** | 2.00 | **2.20** |
| Honest Tobacco Bed Guano | Baltimore | 8.00 | **8.12** | 7.40 | **7.22** | .60 | .90 | .30 | 5.00 | **6.00** | 2.00 | **2.34** |
| Honest Trucker | La Plata | 5.00 | **5.01** | 4.50 | **4.49** | .50 | .52 | .30 | 7.00 | **7.80** | 5.00 | **5.20** |
| **Barrett Co., New York, N. Y.** | | | | | | | | | | | | |
| Arcadian Nitrate of Soda | Silver Spring | 16.00 | **15.98** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Arcadian Nitrate of Soda | Baltimore | 16.00 | **16.34** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Barrett Co., New York, N. Y.** | | | | | | | | | | | | | |
| Arcadian Nitrate of Soda | Silver Spring | 16.00 | 15.98 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Arcadian Nitrate of Soda | Baltimore | 16.00 | 16.34 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **Baugh & Sons Co., Baltimore, Md.** | | | | | | | | | | | | | |
| Baughphos. The Ideal Superphosphate 20% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .40 | 20.00 | 19.70 | ..... | ..... | |
| Baughphos. The Ideal Superphosphate 18% | Denton | ..... | ..... | ..... | ..... | ..... | ..... | .30 | 18.00 | 19.10 | ..... | ..... | |
| Baughphos. The Ideal Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 16.00 | 16.00 | ..... | ..... | |
| Baughphos. The Ideal Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 16.00 | 16.30 | ..... | ..... | |
| Baughphos. The Ideal Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .30 | 16.00 | 16.20 | ..... | ..... | |
| Advanced Growers Special | Denton | 5.00 | 4.58 | 4.00 | 3.47 | 1.00 | 1.11 | .80 | 8.00 | 8.30 | 7.00 | 7.40 | |
| Animal Base and Potash Compound | Baltimore | 2.00 | 2.11 | 1.40 | 1.45 | .60 | .66 | .70 | 9.00 | 9.60 | 3.00 | 3.16 | |
| Animal Base and Potash Compound | Baltimore | 2.00 | 2.27 | 1.40 | 1.68 | .60 | .59 | .70 | 9.00 | 9.60 | 3.00 | 3.28 | |
| Animal Base and Potash Compound | Baltimore | 2.00 | 2.13 | 1.40 | 1.47 | .60 | .66 | .80 | 9.00 | 9.40 | 3.00 | 3.36 | |
| Animal Base and Potash Compound | Monrovia | 2.00 | 2.33 | 1.40 | 1.60 | .60 | .70 | 1.00 | 9.00 | 9.30 | 3.00 | 3.40 | |
| Commercial Crop Compound | Baltimore | 2.00 | 2.01 | 1.40 | 1.40 | .60 | .61 | .80 | 8.00 | 8.10 | 10.00 | 10.20 | |
| Commercial Crop Compound | Rising Sun | 2.00 | 2.11 | 1.40 | 1.40 | .60 | .71 | .50 | 8.00 | 8.50 | 10.00 | 10.40 | |
| Commercial Crop Compound | Fullerton | 2.00 | 2.13 | 1.40 | 1.47 | .60 | .66 | .70 | 8.00 | 8.10 | 10.00 | 10.40 | |
| Complete Animal Base Fertilizer | Baltimore | 2.00 | 1.99 | 1.40 | 1.29 | .60 | .70 | .90 | 8.00 | 8.00 | 5.00 | 4.84 | |
| Complete Animal Base Fertilizer | Baltimore | 2.00 | 2.01 | 1.40 | 1.38 | .60 | .63 | .90 | 8.00 | 8.40 | 5.00 | 5.00 | |
| Complete Animal Base Fertilizer | Baltimore | 2.00 | 2.06 | 1.40 | 1.40 | .60 | .66 | .90 | 8.00 | 8.40 | 5.00 | 5.00 | |
| Complete Animal Base Fertilizer | Woodbine | 2.00 | 1.99 | 1.40 | 1.32 | .60 | .67 | .70 | 8.00 | 8.20 | 5.00 | 5.18 | |
| Complete Animal Base Fertilizer | Baltimore | 2.00 | 2.16 | 1.40 | 1.50 | .60 | .66 | .50 | 8.00 | 8.50 | 5.00 | 5.22 | |
| Complete Animal Base Fertilizer | Manchester | 2.00 | 2.13 | 1.40 | 1.47 | .60 | .66 | .70 | 8.00 | 8.00 | 5.00 | 5.20 | |
| Complete Animal Base Fertilizer | Baltimore | 2.00 | 2.05 | 1.40 | 1.40 | .60 | .65 | .70 | 8.00 | 8.30 | 5.00 | 5.10 | |
| Domestic Sheep Manure | Baltimore | 2.00 | 2.86 | ..... | ..... | ..... | ..... | ..... | *1.00 | * .60 | 1.00 | 1.24 | |
| Double Eagle Phosphate | Baltimore | 2.00 | 2.13 | 1.40 | 1.54 | .60 | .59 | .80 | 12.00 | 12.70 | 4.00 | 4.38 | |
| Excelsior Mixture | Baltimore | 1.00 | 1.07 | .60 | .65 | .40 | .42 | .80 | 9.00 | 9.00 | 4.00 | 4.30 | |
| Excelsior Mixture | Woodbine | 1.00 | 1.12 | .60 | .62 | .40 | .50 | .90 | 9.00 | 9.50 | 4.00 | 4.10 | |
| Excelsior Mixture | Baltimore | 1.00 | 1.08 | .60 | .59 | .40 | .49 | .90 | 9.00 | 9.70 | 4.00 | 4.16 | |
| 4-8-12 for Tobacco | Baltimore | 4.00 | 4.21 | 3.00 | 3.19 | 1.00 | 1.02 | .80 | 8.00 | 8.30 | 12.00 | 12.40 | |
| 4-8-12 for Tobacco | Baltimore | 4.00 | 4.22 | 3.00 | 3.19 | 1.00 | 1.03 | .80 | 8.00 | 8.00 | 12.00 | 12.08 | |
| 4-8-12 for Tobacco | Baltimore | 4.00 | 4.16 | 3.00 | 3.13 | 1.00 | 1.03 | .70 | 8.00 | 8.70 | 12.00 | 12.32 | |
| 4-8-12 for Tobacco | Baltimore | 4.00 | 4.11 | 3.00 | 3.14 | 1.00 | .97 | .80 | 8.00 | 8.10 | 12.00 | 12.36 | |
| 4-8-12 for Tobacco | Baltimore | 4.00 | 4.21 | 3.00 | 3.16 | 1.00 | 1.05 | .60 | 8.00 | 8.30 | 12.00 | 12.28 | |
| 4-8-10 for Tobacco | Baltimore | 4.00 | 4.07 | 3.00 | 3.14 | 1.00 | .93 | .80 | 8.00 | 8.30 | 10.00 | 10.38 | |
| 4-8-10 for Tobacco | Baltimore | 4.00 | 3.99 | 3.00 | 3.09 | 1.00 | .90 | 1.00 | 8.00 | 8.10 | 10.00 | 10.20 | |
| 4-8-10 for Tobacco | Baltimore | 4.00 | 4.14 | 3.00 | 3.17 | 1.00 | .97 | 1.00 | 8.00 | 8.90 | 10.00 | 10.36 | |

* Total Phosphoric Acid.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) Total Guaranteed | NITROGEN (N) Total FOUND | NITROGEN (N) Mineral Declared | NITROGEN (N) Mineral FOUND | NITROGEN (N) Organic Declared | NITROGEN (N) Organic FOUND | PHOSPHORIC ACID ($P_2O_5$) Insoluble FOUND | PHOSPHORIC ACID ($P_2O_5$) Available Guaranteed | PHOSPHORIC ACID ($P_2O_5$) Available FOUND | POTASH ($K_2O$) Guaranteed | POTASH ($K_2O$) FORND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Baugh & Sons Co., Baltimore, Md.** (Cont.) | | | | | | | | | | | | |
| 4-8-10 for Tobacco | Baltimore | 4.00 | 4.03 | 3.00 | 3.12 | 1.00 | .91 | .90 | 8.00 | 8.60 | 10.00 | 10.04 |
| 4-8-10 for Tobacco | Baltimore | 4.00 | 4.00 | 3.00 | 3.03 | 1.00 | .97 | .80 | 8.00 | 8.70 | 10.00 | 10.00 |
| 4-8-7 for Tobacco | Baltimore | 4.00 | 4.13 | 3.00 | 3.14 | 1.00 | .99 | .70 | 8.00 | 8.40 | 7.00 | 7.22 |
| 4-8-7 for Tobacco | Baltimore | 4.00 | 3.99 | 3.00 | 3.17 | 1.00 | .82 | .50 | 8.00 | 8.20 | 7.00 | 7.10 |
| 4-8-5 for Tobacco | Baltimore | 4.00 | 3.89 | 3.00 | 2.81 | 1.00 | 1.08 | .90 | 8.00 | 8.30 | 7.00 | 7.40 |
| 4-8-5 for Tobacco | Baltimore | 4.00 | 3.99 | 3.00 | 3.05 | 1.00 | .94 | .90 | 8.00 | 8.50 | 5.00 | 5.76 |
| Ground Dried Blood | Baltimore | 4.00 | 4.00 | 3.00 | 2.86 | 1.00 | 1.14 | 1.20 | 8.00 | 8.50 | 5.00 | 5.66 |
| Grand Rapid Misture | Trappe | 12.50 | 13.12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Ground Fish | Denton | 3.00 | 3.13 | ..... | ..... | ..... | ..... | .50 | 8.00 | 8.40 | 10.00 | 10.40 |
| Half Century Perfection Brand | Baltimore | 8.24 | 8.02 | ..... | ..... | ..... | ..... | ..... | *5.00 | *6.30 | ..... | ..... |
| Half Century Perfection Brand | Baltimore | 4.00 | 4.02 | 3.20 | 3.31 | .80 | .71 | .80 | 8.00 | 8.00 | 7.00 | 7.12 |
| Half Century Perfection Brand | Providence | 4.00 | 4.00 | 3.20 | 3.26 | .80 | .74 | .70 | 8.00 | 8.60 | 7.00 | 7.10 |
| Half Century Perfection Brand | Rising Sun | 4.00 | 3.99 | 3.20 | 3.19 | .80 | .80 | .90 | 8.00 | 8.50 | 7.00 | 7.40 |
| Half Century Perfection Brand | Maugansville | 4.00 | 4.11 | 3.20 | 3.54 | .80 | .57 | .50 | 8.00 | 8.50 | 7.00 | 7.24 |
| High Grade Fish Brand | Denton | 4.00 | 4.04 | 3.20 | 3.51 | .80 | .53 | .60 | 8.00 | 8.30 | 7.00 | 7.14 |
| High Grade Fish Brand | Baltimore | 3.00 | 3.03 | 1.80 | 1.74 | 1.20 | 1.29 | 1.10 | 12.00 | 12.30 | 6.00 | 6.06 |
| High Grade Animal Tankage | Denton | 3.00 | 2.99 | 1.80 | 1.54 | 1.20 | 1.45 | 1.10 | 12.00 | 12.30 | 6.00 | 6.40 |
| High Grade Potato Grower | Salisbury | 6.00 | 6.23 | ..... | ..... | ..... | ..... | ..... | *8.00 | *6.30 | ..... | ..... |
| High Grade Potato Grower | Baltimore | 6.00 | 6.00 | 4.20 | 4.18 | 1.80 | 1.82 | .60 | 6.00 | 6.30 | 5.00 | 5.04 |
| Muriate of Potash | Baltimore | 6.00 | 5.98 | 4.20 | 4.16 | 1.80 | 1.82 | .70 | 6.00 | 6.60 | 5.00 | 5.22 |
| New Process 10% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48.00 | 48.70 |
| New Process 10% | Baltimore | 10.00 | 10.07 | 8.50 | 8.47 | 1.50 | 1.60 | .50 | 5.00 | 5.30 | 2.00 | 2.40 |
| New Process 10% | Baltimore | 10.00 | 9.98 | 8.50 | 8.42 | 1.50 | 1.56 | .30 | 5.00 | 5.50 | 2.00 | 2.40 |
| New Process 10% | Baltimore | 10.00 | 9.82 | 8.50 | 8.15 | 1.50 | 1.68 | .40 | 5.00 | 5.60 | 2.00 | 2.30 |
| New Process 10% | Baltimore | 10.00 | 9.80 | 8.50 | 7.82 | 1.50 | 1.98 | .40 | 5.00 | 6.90 | 2.00 | 2.40 |
| The Old Stand-By | Baltimore | 10.00 | 9.64 | 8.50 | 8.41 | 1.50 | 1.23 | .20 | 5.00 | 5.90 | 2.00 | 2.40 |
| Peruvian Guano Substitute | Baltimore | 2.00 | 2.01 | 1.40 | 1.35 | .60 | .66 | 1.10 | 12.00 | 12.60 | 2.00 | 2.24 |
| Peruvian Guano Substitute | Baltimore | 4.00 | 4.07 | 3.00 | 3.23 | 1.00 | .84 | .80 | 8.00 | 8.30 | 5.00 | 5.30 |
| Peruvian Guano Substitute | Fullerton | 4.00 | 3.99 | 3.00 | 3.00 | 1.00 | .99 | .80 | 8.00 | 8.50 | 5.00 | 5.24 |
| Peruvian Guano Substitute | Salisbury | 4.00 | 4.00 | 3.00 | 3.02 | 1.00 | .98 | .70 | 8.00 | 8.40 | 5.00 | 5.28 |
| Peruvian Guano Substitute | Denton | 4.00 | 4.00 | 3.00 | 3.17 | 1.00 | .83 | .70 | 8.00 | 8.40 | 5.00 | 5.20 |
| Peruvian Guano Substitute | Denton | 4.00 | 4.00 | 3.00 | 3.06 | 1.00 | .94 | .80 | 8.00 | 8.30 | 5.00 | 5.10 |
| Phosphate and Potash Mixture | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .80 | 12.00 | 12.00 | 5.00 | 5.04 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Feruvian Guano Substitute | Denton | 4.00 | 4.00 | 3.00 | 3.06 | 1.00 | .94 | .80 | 8.00 | 8.30 | 5.00 | 5.10 |
| Phosphate and Potash Mixture | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .80 | 12.00 | 12.00 | 5.00 | 5.04 |
| Phosphate and Potash Mixture | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | 1.00 | 12.00 | 12.30 | 5.00 | 5.20 |
| Phosphate and Potash Mixture | Maugansville | ..... | ..... | ..... | ..... | ..... | ..... | 1.10 | 12.00 | 12.10 | 5.00 | 5.00 |
| Plant Bed Fertilizer | Baltimore | 6.00 | 6.16 | 5.10 | 5.19 | .90 | .97 | .30 | 6.00 | 6.20 | 8.00 | 8.40 |
| Plant Bed Fertilizer | Baltimore | 6.00 | 6.15 | 5.10 | 5.17 | .90 | .98 | .40 | 6.00 | 6.00 | 8.00 | 8.40 |
| Plant Bed Fertilizer | Baltimore | 8.00 | 8.12 | 6.80 | 7.08 | 1.20 | 1.04 | .30 | 5.00 | 5.20 | 2.00 | 2.32 |
| Plant Bed Fertilizer | Baltimore | 8.00 | 8.13 | 6.80 | 7.21 | 1.20 | .92 | .30 | 5.00 | 5.10 | 2.00 | 2.12 |
| Plant Bed Fertilizer | Baltimore | 8.00 | 8.01 | 6.80 | 6.88 | 1.20 | 1.13 | .20 | 5.00 | 5.40 | 2.00 | 2.40 |
| Pure Steamed Bone Meal | Baltimore | 2.47 | 2.67 | ..... | ..... | ..... | ..... | ..... | *23.00 | *25.80 | ..... | ..... |
| Raw Bone Meal | Baltimore | 3.70 | 4.00 | ..... | ..... | ..... | ..... | ..... | *21.50 | *23.00 | ..... | ..... |
| Raw Bone Meal | Baltimore | 3.70 | 3.82 | ..... | ..... | ..... | ..... | ..... | *21.50 | *22.30 | ..... | ..... |
| Special Tobacco Mixture | Baltimore | 4.00 | 3.99 | 3.00 | 3.06 | 1.00 | .93 | .80 | 8.00 | 8.70 | 4.00 | 4.24 |
| Special Tobacco Mixture | Baltimore | 4.00 | 4.02 | 3.00 | 2.99 | 1.00 | 1.03 | 1.30 | 8.00 | 9.50 | 4.00 | 4.30 |
| Sulphate of Ammonia | Baltimore | 20.57 | 20.68 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Sweet Potato Manure | Denton | 3.00 | 3.13 | 2.25 | 2.43 | .75 | .70 | .80 | 8.00 | 9.20 | 8.00 | 8.04 |
| Three Quarter Century Perfect'n Brand | Baltimore | 3.00 | 3.16 | 2.40 | 2.42 | .60 | .74 | 1.30 | 12.00 | 12.10 | 6.00 | 6.40 |
| Three Quarter Century Perfect'n Brand | Fullerton | 3.00 | 3.23 | 2.40 | 2.42 | .60 | .81 | 1.20 | 12.00 | 12.00 | 6.00 | 6.50 |
| Truckers Favorite | Baltimore | 5.00 | 4.98 | 4.00 | 4.07 | 1.00 | .91 | 1.10 | 10.00 | 10.30 | 5.00 | 5.12 |
| Truckers Favorite | Fullerton | 5.00 | 5.17 | 4.00 | 4.28 | 1.00 | .89 | .20 | 10.00 | 11.00 | 5.00 | 5.26 |
| 2-8-10 for Tobacco | Baltimore | 2.00 | 2.01 | 1.50 | 1.29 | .50 | .72 | 1.00 | 8.00 | 8.70 | 10.00 | 10.40 |
| Yucatan Tobacco Mixture | Baltimore | 3.00 | 3.44 | 2.25 | 2.60 | .75 | .84 | .90 | 8.00 | 9.20 | 3.00 | 3.55 |
| **F. W. Bolgiano & Co., Washington, D. C.** | | | | | | | | | | | | |
| **Ground Bone Meal | Mt. Rainier | 2.47 | 2.60 | ..... | ..... | ..... | ..... | ..... | *23.00 | *27.70 | ..... | ..... |
| **Herbert Bryant's Son., Alexandria, Va.** | | | | | | | | | | | | |
| Corn King | Dickerson | 1.00 | 1.05 | .50 | .45 | .50 | .60 | .50 | 10.00 | 10.00 | 2.00 | 2.10 |
| Excelsior Ammoniated | Hyattsville | 5.00 | 4.98 | 3.75 | 3.25 | 1.25 | 1.73 | .50 | 8.00 | 8.50 | 5.00 | 5.00 |
| High Grade Truck and Potato | Silver Spring | 3.00 | 2.99 | 1.80 | 2.11 | 1.20 | .88 | .60 | 8.00 | 8.40 | 5.00 | 5.40 |
| High Grade Truck and Potato | Hyattsville | 3.00 | 2.77 | 1.80 | 1.77 | 1.20 | 1.00 | .60 | 8.00 | 8.30 | 5.00 | 5.32 |
| Pulverized Sheep Manure | Silver Spring | 1.85 | 2.32 | ..... | ..... | ..... | ..... | ..... | *1.00 | *1.40 | 2.00 | 2.30 |
| Steamed Bone Meal | Hyattsville | 2.47 | 2.58 | ..... | ..... | ..... | ..... | ..... | *22.88 | *26.40 | ..... | ..... |
| Sulphate of Ammonia | Silver Spring | 20.56 | 20.57 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **Central Chemical Co., Inc., Baltimore, Md.** | | | | | | | | | | | | |
| "Gro-All" Dissolved Phosphate | Hancock | ..... | ..... | ..... | ..... | ..... | ..... | 1.10 | 16.00 | 16.09 | ..... | ..... |
| "Gro-All" Dissolved Phosphate | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .60 | 16.00 | 16.00 | ..... | ..... |
| "Gro-All" Excelsior | Baltimore | 2.00 | 2.12 | 1.50 | 1.38 | .50 | .74 | .30 | 8.00 | 9.30 | 5.00 | 5.22 |
| "Gro-All" Excelsior | Hagerstown | 2.00 | 2.04 | 1.50 | 1.46 | .50 | .58 | .40 | 8.00 | 8.50 | 5.00 | 5.16 |
| "Gro-All' Fish and Potash Brand | Hancock | 2.00 | 1.92 | 1.50 | .84 | .50 | 1.08 | .40 | 9.00 | 9.60 | 3.00 | 3.10 |
| "Gro-All" Grain Food | Baltimore | 2.00 | 1.98 | 1.50 | 1.26 | .50 | .72 | .60 | 12.00 | 12.00 | 4.00 | 4.20 |
| "Gro-All" Potash Special | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .80 | 12.00 | 12.10 | 5.00 | 5.00 |

* Total Phosphoric Acid.

** Guarantee on sack, differs from license.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declaerd | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **Central Chemical Co., Inc., Baltimore, Md.** | (Cont.) | | | | | | | | | | | |
| "Gro-All' Potato Special | Baltimore | 4.00 | **3.89** | 3.50 | **3.16** | .50 | **.73** | **.30** | 8.00 | **8.80** | 7.00 | **7.20** |
| "Gro-All' Potato Special | Frederick | 4.00 | **3.99** | 3.50 | **3.36** | .50 | **.63** | **.30** | 8.00 | **8.40** | 7.00 | **7.30** |
| "Gro-All' Potato Special | Baltimore | 4.00 | **4.10** | 3.50 | **3.30** | .50 | **.80** | **.30** | 8.00 | **8.00** | 7.00 | **7.40** |
| "Gro-All' Potato Special | Hagerstown | 4.00 | **4.00** | 3.50 | **3.40** | .50 | **.60** | **.30** | 8.00 | **8.00** | 7.00 | **7.16** |
| "Gro-All' Super-Fish Brand | Frederick | 2.00 | **2.27** | .50 | **.80** | 1.50 | **1.47** | **.60** | 12.00 | **12.20** | 6.00 | **6.10** |
| "Gro-All' Super-Fish Brand | Baltimore | 2.00 | **2.13** | .50 | **.76** | 1.50 | **1.37** | **.60** | 12.00 | **12.40** | 6.00 | **6.10** |
| "Gro-All' Top Dresser | Hagerstown | 6.00 | **6.20** | 5.50 | **5.70** | .50 | **.50** | **.30** | 6.00 | **6.30** | 5.00 | **5.18** |
| MBW. Mixed to Order | Baltimore | 4.00 | **4.16** | 3.50 | **2.95** | .50 | **1.21** | **.20** | 8.00 | **8.40** | 5.00 | **5.20** |
| **Chewsville Cooperative Asso., Inc., Chewsville, Md.** | | | | | | | | | | | | |
| Superphosphate | Chewsville | ..... | ..... | ..... | ..... | ..... | ..... | **.30** | 16.00 | **19.90** | ..... | ..... |
| Crop Grower | Chewsville | 4.00 | **4.03** | 3.00 | **2.85** | 1.00 | **1.18** | **.50** | 12.00 | **12.10** | 8.00 | **8.10** |
| Golden Harvest | Chewsville | 2.00 | **2.01** | 1.00 | **1.33** | 1.00 | **.68** | **.30** | 10.00 | **11.20** | 5.00 | **5.22** |
| Perfection | Chewsville | 4.00 | **4.05** | 3.00 | **2.84** | 1.00 | **1.19** | **.60** | 8.00 | **8.30** | 7.00 | **7.06** |
| Phosphate and Potash | Chewsville | ..... | ..... | ..... | ..... | ..... | ..... | **.10** | 12.00 | **13.10** | 5.00 | **5.00** |
| **Chilean Nitrate Sales, Corp., New York, N. Y.** | | | | | | | | | | | | |
| Champion Brand Nitrate of Soda | Reisterstown | 16.00 | **16.02** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Champion Brand Nitrate of Soda | Catonsville | 16.00 | **16.06** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Champion Brand Nitrate of Soda | Loch Raven | 16.00 | **16.00** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Champion Brand Nitrate of Soda | Jessups | 16.00 | **16.20** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Champion Brand Nitrate of Soda | College Park | 16.00 | **16.01** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Standard Chilean Nitrate of Soda | Up'r Marlboro | 15.25 | **15.26** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Standard Chilean Nitrate of Soda | Baltimore | 15.25 | **15.62** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **Claron Products, Inc., Philadelphia, Pa.** | | | | | | | | | | | | |
| Plant Rations | Salisbury | 4.00 | **4.00** | ..... | ..... | ..... | ..... | **.60** | 12.00 | **12.50** | 4.00 | **4.40** |
| **Cover Lawn Seed Co., Baltimore, Md.** | | | | | | | | | | | | |
| Grass Fat | Baltimore | 6.00 | **4.77** | 4.50 | **2.72** | 1.50 | **2.05** | **.60** | 6.00 | **7.80** | 5.00 | **4.20** |
| **Devilbiss Bros., New Windsor, Md.** | | | | | | | | | | | | |
| Superphosphate | New Windsor | ..... | ..... | ..... | ..... | ..... | ..... | **.20** | 16.00 | **18.00** | ..... | ..... |
| Butcher House | New Windsor | 2.00 | **2.01** | 1.50 | **1.58** | .50 | **.43** | .20 | 8.00 | **10.30** | 5.00 | **5.56** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Devilbiss Bros., New Windsor, Md.** | | | | | | | | | | | | |
| Superphosphate | New Windsor | ..... | ..... | ..... | ..... | ..... | ..... | .20 | 16.00 | 18.00 | ..... | ..... |
| Butcher House | New Windsor | 2.00 | 2.01 | 1.50 | 1.58 | .50 | .43 | .20 | 8.00 | 10.30 | 5.00 | 5.56 |
| Wheat Grower | New Windsor | 1.00 | 1.15 | .70 | .86 | .30 | .29 | .40 | 9.00 | 10.00 | 4.00 | 4.94 |
| **Dorchester Fertilizer Co.' Cambridge, Md.** | | | | | | | | | | | | |
| Superphosphate | Cambridge | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 16.00 | 16.00 | ..... | ..... |
| Choice | Cambridge | 2.00 | 2.04 | 1.90 | 1.94 | .10 | .10 | .20 | 8.00 | 8.80 | 6.00 | 6.40 |
| Choice | Cambirdge | 2.00 | 2.26 | 1.90 | 2.11 | .10 | .15 | .20 | 8.00 | 8.10 | 6.00 | 6.00 |
| Dorco Gem | Cambridge | 1.00 | 1.02 | .85 | .62 | .15 | .40 | .30 | 10.00 | 10.80 | 6.00 | 6.40 |
| Dorco Gem | Cambridge | 1.00 | 1.19 | .85 | .98 | .15 | .21 | .40 | 10.00 | 10.60 | 6.00 | 6.32 |
| Dorco Imperial | Cambridge | 6.00 | 6.02 | 5.40 | 5.50 | .60 | .52 | .40 | 7.00 | 7.40 | 5.00 | 5.28 |
| Dorco Imperial | Cambridge | 6.00 | 5.62 | 5.40 | 4.86 | .60 | .76 | .20 | 7.00 | 8.30 | 5.00 | 5.10 |
| †Dorco Jewel | Cambridge | 5.00 | 5.19 | 4.50 | 5.11 | .50 | .08 | .40 | 8.00 | 8.30 | 12.00 | 12.00 |
| Dorco Jewel | Cambridge | 5.00 | 5.07 | 4.50 | 4.51 | .50 | .56 | .30 | 8.00 | 8.30 | 12.00 | 12.36 |
| Dorco Producer | Cambridge | 2.00 | 2.26 | 1.70 | 1.92 | .30 | .30 | .50 | 13.00 | 13.50 | 3.00 | 3.28 |
| Dorco Regal | Cambridge | 4.00 | 3.69 | 3.40 | 3.48 | .60 | .21 | .50 | 7.00 | 7.50 | 7.00 | 7.24 |
| Dorco Regal | Cambridge | 4.00 | 4.04 | 3.40 | 3.37 | .60 | .67 | .20 | 7.00 | 7.70 | 7.00 | 7.14 |
| Dorco Royal | Cambridge | 3.00 | 3.12 | 2.70 | 2.82 | .30 | .30 | .20 | 8.00 | 8.60 | 10.00 | 10.40 |
| Dorco Royal | Cambridge | 3.00 | 3.30 | 2.70 | 3.12 | .30 | .18 | .30 | 8.00 | 8.30 | 10.00 | 10.40 |
| Favorite | Cambridge | 2.00 | 1.99 | 1.90 | 1.85 | .10 | .14 | .20 | 8.00 | 8.30 | 10.00 | 10.96 |
| Favorite | Cambridge | 2.00 | 2.15 | 1.90 | 1.97 | .10 | .18 | .30 | 8.00 | 8.80 | 10.00 | 10.36 |
| Kainit | Cambridge | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14.00 | 14.20 |
| Merit | Cambridge | ..... | ..... | ..... | ..... | ..... | ..... | .70 | 9.00 | 8.80 | 6.00 | 6.74 |
| Merit | Cambridge | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 9.00 | 9.00 | 6.00 | 6.08 |
| Standard | Cambridge | ..... | ..... | ..... | ..... | ..... | ..... | .40 | 11.00 | 11.30 | 8.00 | 8.40 |
| Standard | Cambridge | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 11.00 | 11.50 | 8.00 | 8.00 |
| Trucker | Cambridge | 4.00 | 4.11 | 4.00 | 3.99 | 0.00 | .12 | .20 | 8.00 | 8.80 | 5.00 | 5.40 |
| Trucker | Cambridge | 4.00 | 4.25 | 4.00 | 4.04 | 0.00 | .21 | .30 | 8.00 | 8.00 | 5.00 | 5.30 |
| **Edelen Bros., Baltimore, Md.** | | | | | | | | | | | | |
| High Grade Tobacco | Baltimore | 4.00 | 4.02 | 3.50 | 3.30 | .50 | .72 | .50 | 8.00 | 8.60 | 12.00 | 12.32 |
| High Grade Tobacco | Baltimore | 4.00 | 4.02 | 3.50 | 3.29 | .50 | .73 | .30 | 8.00 | 8.80 | 12.00 | 12.20 |
| High Grade Tobacco | Baltimore | 4.00 | 4.03 | 3.50 | 3.20 | .50 | .83 | .30 | 8.00 | 8.80 | 12.00 | 12.20 |
| Red Tobacco | Baltimore | 3.00 | 3.09 | 2.50 | 2.39 | .50 | .70 | .30 | 8.00 | 8.70 | 10.00 | 10.30 |
| 10% Tobacco Bed Spec'l with 2% Potash | Baltimore | 10.00 | 10.32 | 8.75 | 8.82 | 1.25 | 1.50 | .10 | 5.00 | 5.20 | 2.00 | 2.18 |
| 10% Tobacco Bed Spec'l with 2% Potash | Baltimore | 10.00 | 10.11 | 8.75 | 8.52 | 1.25 | 1.59 | .30 | 5.00 | 5.40 | 2.00 | 2.18 |
| 10% Tobacco Bed Spec'l with 2% Potash | Baltimore | 10.00 | 10.06 | 8.75 | 8.64 | 1.25 | 1.42 | .10 | 5.00 | 5.20 | 2.00 | 2.20 |
| 10% Tobacco Bed Spec'l with 2% Potash | Baltimore | 10.00 | 10.00 | 8.75 | 8.50 | 1.25 | 1.50 | .20 | 5.00 | 5.40 | 2.00 | 2.32 |
| Wheat and Grain Mixture | Baltimore | 2.00 | 1.99 | 1.50 | 1.24 | .50 | .75 | .20 | 8.00 | 8.40 | 5.00 | 5.24 |
| Wheat and Grain Mixture | Baltimore | 2.00 | 2.06 | 1.50 | 1.24 | .50 | .82 | .30 | 8.00 | 8.60 | 5.00 | 5.24 |
| Wheat and Grain Mixture | Baltimore | 2.00 | 2.11 | 1.50 | 1.40 | .50 | .71 | .20 | 8.00 | 8.20 | 5.00 | 5.80 |

† Mineral and Organic findings do not substantiate manufacturers declaration.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **Farmers Cooperative Asso., Inc., Frederick, Md.** | | | | | | | | | | | | |
| Spring Special | Frederick | 4.00 | **3.16** | 3.20 | **2.16** | .80 | **1.00** | .40 | 8.00 | **9.20** | 7.00 | **7.10** |
| Rock and Potash Special | Frederick | ..... | ..... | ..... | ..... | ..... | ..... | **.70** | 12.00 | **11.70** | 5.00 | **6.00** |
| Sure Crop | Frederick | 2.00 | **1.94** | 1.60 | **1.21** | .40 | **.73** | **.50** | 12.00 | **13.20** | 6.00 | **6.90** |
| **Farmers Fertilizer & Feed Co., Westminster, Md.** | | | | | | | | | | | | |
| Potato Grower | Westminster | 2.00 | **2.08** | 1.40 | **1.35** | .60 | **.73** | **2.30** | 8.00 | **7.90** | 5.00 | **5.18** |
| **Farmers & Planters Co., Salisbury, Md.** | | | | | | | | | | | | |
| Corn Grower | Salisbury | 1.00 | **1.17** | .70 | **.73** | .30 | **.44** | **1.10** | 9.00 | **9.00** | 4.00 | **5.50** |
| Early Truck | Salisbury | 2.00 | **2.15** | 1.40 | **1.44** | .60 | **.71** | **.50** | 8.00 | **8.00** | 10.00 | **10.40** |
| Early Truck | Salisbury | 2.00 | **2.13** | 1.40 | **1.46** | .60 | **.67** | **.30** | 8.00 | **7.50** | 10.00 | **10.00** |
| Early Vegetable | Salisbury | 4.00 | **4.69** | 3.00 | **3.19** | 1.00 | **1.50** | **.30** | 8.00 | **6.70** | 5.00 | **5.76** |
| Fish Brand Fertilizer | Salisbury | 2.00 | **2.13** | 1.40 | **1.52** | .60 | **.61** | **.50** | 8.00 | **7.30** | 5.00 | **5.64** |
| Fish Brand Fertilizer | Salisbury | 2.00 | **1.99** | 1.40 | **1.26** | .60 | **.73** | **.60** | 8.00 | **7.30** | 5.00 | **5.40** |
| Rock and Kainit | Salisbury | ..... | ..... | ..... | ..... | ..... | ..... | **.80** | 7.00 | **7.20** | 5.00 | **7.08** |
| Special High Grade | Salisbury | 6.00 | **5.62** | 4.50 | **4.00** | 1.50 | **1.62** | **.30** | 6.00 | **6.40** | 5.00 | **5.36** |
| Sweet Potato Special | Salisbury | 2.00 | **2.11** | 1.40 | **1.36** | .60 | **.75** | **.60** | 8.00 | **8.30** | 8.00 | **9.66** |
| XX Potash Mixture | Salisbury | 3.00 | **2.84** | 2.25 | **2.25** | .75 | **.59** | **.40** | 8.00 | **7.70** | 10.00 | **10.30** |
| **Griffith & Boyd Co., Baltimore, Md.** | | | | | | | | | | | | |
| Acid Phosphate H. G. | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **.90** | 16.00 | **16.30** | ..... | ..... |
| Acid Phosphate H. G. | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **.80** | 16.00 | **16.50** | ..... | ..... |
| Accomac Trucker | Baltimore | 4.00 | **4.13** | 3.20 | **2.95** | .80 | **1.18** | **.50** | 6.00 | **6.80** | 5.00 | **5.40** |
| Gilt Edge Crop Guano | Baltimore | 2.00 | **2.02** | 1.40 | **1.21** | .60 | **.81** | **.30** | 8.00 | **8.20** | 10.00 | **10.80** |
| High Grade Truck Guano | Baltimore | 4.00 | **3.99** | 3.20 | **2.98** | .80 | **1.01** | **.20** | 8.00 | **8.40** | 7.00 | **7.16** |
| High Grade Truck Guano | Baltimore | 4.00 | **4.09** | 3.20 | **3.32** | .80 | **.77** | **.50** | 8.00 | **8.70** | 7.00 | **7.10** |
| Pure Fine Ground Bone Meal | Baltimore | 3.70 | **3.82** | ..... | ..... | ..... | ..... | ..... | *20.00 | *20.00 | ..... | ..... |
| Special Guano | Baltimore | 2.00 | **1.99** | 1.40 | **1.29** | .60 | **.70** | **.20** | 8.00 | **8.10** | 5.00 | **5.36** |
| Special Guano | Baltimore | 2.00 | **1.98** | 1.40 | **1.33** | .60 | **.65** | **.40** | 8.00 | **8.60** | 5.00 | **5.40** |
| Special Potato Fertilizer | Baltimore | 3.00 | **3.10** | 2.40 | **2.26** | .60 | **.84** | **.30** | 8.00 | **8.70** | 7.00 | **7.24** |
| Sulphate of Ammonia | Baltimore | 20.54 | **20.06** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Truckers Special | Baltimore | 4.00 | **4.03** | 3.20 | **2.95** | .80 | **1.08** | **.30** | 8.00 | **8.60** | 5.00 | **5.24** |
| **Griffith & Turner Co., Baltimore, Md.** | | | | | | | | | | | | |
| Alkaline Plant Food | Baltimore | 1.00 | **1.10** | .20 | **.11** | .80 | **.99** | **.90** | 10.00 | **10.30** | 3.00 | **3.24** |
| Alkaline Plant Food | Baltimore | 1.00 | **1.18** | .20 | **.21** | .80 | **.97** | **.70** | 10.00 | **10.30** | 3.00 | **3.40** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulphate of Ammonia | Baltimore | 20.54 | 20.06 | | | | | | | | | |
| Truckers Special | Baltimore | 4.00 | 4.03 | 3.20 | 2.95 | .80 | 1.08 | .30 | 8.00 | 8.60 | 5.00 | 5.24 |
| **Griffith & Turner Co., Baltimore, Md.** | | | | | | | | | | | | |
| Alkaline Plant Food | Baltimore | 1.00 | 1.10 | .20 | .11 | .80 | .99 | .90 | 10.00 | 10.30 | 3.00 | 3.24 |
| Alkaline Plant Food | Baltimore | 1.00 | 1.18 | .20 | .21 | .80 | .97 | .70 | 10.00 | 10.30 | 3.00 | 3.40 |
| Ammoniated Butchers Bone Brand | Baltimore | 2.00 | 2.13 | 1.40 | 1.12 | .60 | 1.01 | .50 | 12.00 | 12.10 | 2.00 | 2.92 |
| Soft Ground Bone | Baltimore | 3.00 | 2.99 | | | | | | *14.00 | *16.40 | | |
| Soft Ground Bone | Baltimore | 3.00 | 2.56 | | | | | | *14.00 | *14.60 | | |
| Special Truck Mixture | Baltimore | 4.00 | 3.99 | 2.80 | 2.72 | 1.20 | 1.27 | .40 | 8.00 | 8.90 | 6.00 | 6.60 |
| Tomato Grower | Baltimore | 2.00 | 1.99 | 1.40 | 1.34 | .60 | .65 | .30 | 8.00 | 8.70 | 5.00 | 5.40 |
| **Hafleigh & Co., Buchanan, Va.** | | | | | | | | | | | | |
| Pure Raw Bone Meal | Gaithersburg | 3.70 | 4.07 | | | | | | *23.00 | *26.50 | | |
| **Hampstead Fertilizer Co., Hampstead, Md.** | | | | | | | | | | | | |
| Superphosphate | Hampstead | | | | | | | .80 | 16.00 | 17.20 | | |
| 1-9-4 | Hampstead | 1.00 | .94 | .50 | .39 | .50 | .55 | .22 | 9.00 | 9.30 | 4.00 | 4.24 |
| 2-8-10 | Hampstead | 2.00 | 2.01 | 1.40 | 1.52 | .60 | .49 | .10 | 8.00 | 8.80 | 10.00 | 10.00 |
| 2-8-5 | Hampstead | 2.00 | 1.95 | 1.40 | 1.19 | .60 | .76 | .10 | 8.00 | 8.90 | 5.00 | 5.12 |
| **Heil Co., Milwaukee, Wis.** | | | | | | | | | | | | |
| Quality Dehydrates Weedless Sheep Manure | Westminster | 2.00 | 2.26 | | | | | | *1.50 | *1.80 | 2.00 | 3.56 |
| Quality Dehydrated Weedless Sheep Manure | Baltimore | 2.00 | 2.36 | | | | | | *1.50 | *1.90 | 2.00 | 3.26 |
| **Horsey, Roe & Co., Greensboro, Md.** | | | | | | | | | | | | |
| "Suregro" | Greensboro | 2.00 | 2.09 | 1.50 | 1.24 | .50 | .85 | .90 | 8.00 | 8.80 | 5.00 | 5.72 |
| Tomato | Greensbroo | 3.00 | 3.26 | 2.00 | 2.09 | 1.00 | 1.17 | .70 | 8.00 | 9.00 | 10.00 | 10.70 |
| Tomato | Greensboro | 3.00 | 2.36 | 2.00 | 1.17 | 1.00 | 1.19 | .50 | 8.00 | 9.30 | 10.00 | 10.40 |
| 3-8-4 | Greensboro | 3.00 | 2.93 | 2.00 | 1.98 | 1.00 | .95 | .70 | 8.00 | 10.00 | 4.00 | 4.00 |
| Trucker's Pride | Greensboro | 4.00 | 4.03 | 3.00 | 3.03 | 1.00 | 1.00 | .80 | 8.00 | 8.60 | 5.00 | 5.10 |
| **Hubbard Fertilizer Co., Baltimore, Md.** | | | | | | | | | | | | |
| Superphosphate | Baltimore | | | | | | | 1.00 | 16.00 | 16.50 | | |
| Superphosphate | Maple Grove | | | | | | | .60 | 16.00 | 16.20 | | |
| Jersey Trucker | Maple Grove | 2.00 | 2.01 | 1.50 | 1.33 | .50 | .68 | .30 | 8.00 | 8.20 | 10.00 | 10.00 |
| Money Maker Fertilizer | Baltimore | 2.00 | 2.08 | 1.50 | 1.29 | .50 | .79 | .40 | 8.00 | 8.40 | 5.00 | 5.22 |
| Money Maker Fertilizer | Boonsboro | 2.00 | 2.01 | 1.50 | 1.18 | .50 | .83 | .50 | 8.00 | 8.20 | 5.00 | 4.86 |
| Money Maker Fertilizer | Maple Grove | 2.00 | 2.02 | 1.50 | 1.22 | .50 | .80 | .40 | 8.00 | 8.10 | 5.00 | 5.42 |
| Potato Fertilizer | Boonsboro | 4.00 | 4.07 | 3.50 | 3.26 | .50 | .83 | .30 | 8.00 | 8.50 | 7.00 | 7.40 |
| 6-6-5 Fertilizer | Baltimore | 6.00 | 5.81 | 5.40 | 4.91 | .60 | .90 | .60 | 6.00 | 6.90 | 5.00 | 5.10 |

* Total Phosphoric Acid.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **Huston, Culver & Co., Seaford, Del.** | | | | | | | | | | | | |
| †Crop Grower | Federalsburg | 2.00 | **2.25** | 1.00 | **1.85** | 1.00 | **.40** | **.30** | 8.00 | **8.50** | 5.00 | **6.02** |
| Rock and Kainit | Federalsburg | ..... | ..... | ..... | ..... | ..... | ..... | **1.30** | 6.00 | **7.30** | 8.00 | **8.00** |
| †Trucker | Federalsburg | 4.00 | **4.24** | 3.00 | **4.04** | 1.00 | **.20** | **.40** | 8.00 | **9.30** | 5.00 | **5.84** |
| †Trucker | Federalsburg | 4.00 | **4.44** | 3.00 | **4.17** | 1.00 | **.27** | **.80** | 8.00 | **8.00** | 5.00 | **5.64** |
| **Maryland Milling & Supply Co., Sykesville, Md.** | | | | | | | | | | | | |
| Super Phosphate H. G. | Sykesville | ..... | ..... | ..... | ..... | ..... | ..... | **.10** | 16.00 | **17.30** | ..... | ..... |
| †Fortham's Special | Sykesville | 5.00 | **4.86** | 4.25 | **4.69** | .75 | **.17** | **.10** | 8.00 | **8.20** | 5.00 | **5.00** |
| Phosphate and Potash | Sykesville | ..... | ..... | ..... | ..... | ..... | ..... | **.10** | 12.00 | **12.80** | 5.00 | **5.32** |
| **Massey & Wilmer, Chestertown, Md.** | | | | | | | | | | | | |
| Crop Producer | Chestertown | 1.00 | **1.12** | .80 | **.91** | .20 | **.21** | **.30** | 9.00 | **9.20** | 4.00 | **5.24** |
| Tom Jr. | Chestertown | 5.00 | **4.76** | 4.00 | **3.88** | 1.00 | **.88** | **1.40** | 8.00 | **9.30** | 5.00 | **5.90** |
| †Trustworthy | Chestertown | 2.00 | **1.68** | 1.00 | **.95** | 1.00 | **.73** | **1.90** | 8.00 | **8.80** | 5.00 | **5.10** |
| 0-12-5 | Chestertown | ..... | ..... | ..... | ..... | ..... | ..... | **1.20** | 12.00 | **12.00** | 5.00 | **5.24** |
| **Medford Fertilizer Works, Medford, Md.** | | | | | | | | | | | | |
| 1-10-5 | Medford | 1.00 | **1.26** | .50 | **.74** | .50 | **.52** | **.60** | 10.00 | **9.70** | 5.00 | **5.22** |
| 1-8-5 | Medford | 1.00 | **1.18** | .50 | **.79** | .50 | **.39** | **.40** | 8.00 | **8.10** | 5.00 | **6.18** |
| 2-8-5 | Medford | 2.00 | **2.51** | 1.50 | **2.02** | .50 | **.49** | **.50** | 8.00 | **8.00** | 5.00 | **5.84** |
| 0-12-5 | Medford | ..... | ..... | ..... | ..... | ..... | ..... | **.40** | 12.00 | **12.10** | 5.00 | **5.60** |
| **F. Mehring Fertilizer Works, Inc., Keymar, Md.** | | | | | | | | | | | | |
| Superphosphate | Keymar | ..... | ..... | ..... | ..... | ..... | ..... | **4.40** | 16.00 | **16.40** | ..... | ..... |
| Superphosphate | Keymar | ..... | ..... | ..... | ..... | ..... | ..... | **1.30** | 16.00 | **17.20** | ..... | ..... |
| Big Four | Keymar | 1.00 | **1.05** | .60 | **.62** | .40 | **.43** | **1.00** | 9.00 | **10.10** | 4.00 | **4.40** |
| Big Four | Keymar | 1.00 | **1.04** | .60 | **.49** | .40 | **.55** | **1.20** | 9.00 | **8.80** | 4.00 | **4.20** |
| Early Truck Guano | Keymar | 4.00 | **3.23** | 3.20 | **2.67** | .80 | **.56** | **.70** | 8.00 | **8.10** | 7.00 | **7.12** |
| †Early Truck Guano | Keymar | 4.00 | **3.30** | 3.20 | **2.58** | .80 | **.72** | **.50** | 8.00 | **9.00** | 7.00 | **6.28** |
| Indian Chief | Keymar | 2.00 | **1.87** | 1.60 | **1.54** | .40 | **.33** | **.70** | 12.00 | **13.30** | 6.00 | **6.00** |
| Mammouth Truck Grower | Keymar | 2.00 | **1.66** | 1.40 | **1.12** | .60 | **.54** | **1.00** | 8.00 | **8.50** | 5.00 | **5.30** |
| Mammouth Truck Grower | Linwood | 2.00 | **2.16** | 1.40 | **1.59** | .60 | **.59** | **1.50** | 8.00 | **8.80** | 5.00 | **5.06** |
| Mammouth Truck Grower | Keymar | 2.00 | **1.87** | 1.40 | **1.45** | .60 | **.42** | **.50** | 8.00 | **8.90** | 5.00 | **5.40** |
| Potash Mixture | Keymar | ..... | ..... | ..... | ..... | ..... | ..... | **1.30** | 12.00 | **12.00** | 5.00 | **5.06** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammouth Truck Grower | Linwood | 2.00 | 2.16 | 1.40 | 1.59 | .60 | .59 | 1.50 | 8.00 | 8.80 | 5.00 | 5.06 |
| Mammouth Truck Grower | Keymar | 2.00 | 1.87 | 1.40 | 1.45 | .60 | .42 | .50 | 8.00 | 8.90 | 5.00 | 5.40 |
| Potash Mixture | Keymar | | | | | | | 1.30 | 12.00 | 12.00 | 5.00 | 5.06 |
| Potash Mixture | Baltimore | | | | | | | 3.20 | 12.00 | 13.10 | 5.00 | 4.80 |
| Potash Mixture | Keymar | | | | | | | .60 | 12.00 | 12.00 | 5.00 | 5.90 |
| **Miller Fertilizer Co., Baltimore, Md.** | | | | | | | | | | | | |
| Superphosphate 20% | Friendsville | | | | | | | .70 | 20.00 | 20.60 | | |
| Superphosphate 16% | Baltimore | | | | | | | 1.00 | 16.00 | 16.40 | | |
| Superphosphate 16% | Baltimore | | | | | | | .60 | 16.00 | 16.50 | | |
| Superphosphate 16% | Friendsville | | | | | | | .50 | 16.00 | 16.80 | | |
| Superphosphate 16% | Baltimore | | | | | | | .50 | 16.00 | 16.60 | | |
| 5-8-5 | Friendsville | 5.00 | 5.05 | 4.50 | 4.35 | .50 | .70 | .30 | 8.00 | 8.60 | 5.00 | 5.28 |
| 4-4-20 | Salisbury | 4.00 | 3.99 | 3.50 | 3.48 | .50 | .51 | .30 | 4.00 | 4.70 | 20.00 | 20.72 |
| 4-4-20 | Baltimore | 4.00 | 3.82 | 3.50 | 3.23 | .50 | .59 | .30 | 4.00 | 4.40 | 20.00 | 22.56 |
| 4-8-10 | Cambridge | 4.00 | 4.13 | 3.50 | 3.43 | .50 | .70 | .10 | 8.00 | 8.30 | 10.00 | 10.10 |
| 4-8-7 | Baltimore | 4.00 | 3.93 | 3.50 | 3.09 | .50 | .84 | .30 | 8.00 | 8.60 | 7.00 | 7.26 |
| 4-8-7 | Baltimore | 4.00 | 4.03 | 3.50 | 3.23 | .50 | .80 | .30 | 8.00 | 8.50 | 7.00 | 7.60 |
| Harvest Queen | Baltimore | 1.00 | 1.18 | .50 | .39 | .50 | .79 | .30 | 9.00 | 9.30 | 4.00 | 4.20 |
| Harvest Queen | Baltimore | 1.00 | 1.01 | .50 | .38 | .50 | .63 | .30 | 9.00 | 9.30 | 4.00 | 4.60 |
| Harvest Queen | Baltimore | 1.00 | 1.17 | .50 | .38 | .50 | .79 | .40 | 9.00 | 9.30 | 4.00 | 4.74 |
| Pimlico | Baltimore | 2.00 | 1.94 | 1.50 | 1.31 | .50 | .63 | .40 | 8.00 | 8.40 | 10.00 | 9.44 |
| Pimlico | Baltimore | 2.00 | 2.04 | 1.50 | 1.29 | .50 | .75 | .40 | 8.00 | 8.10 | 10.00 | 10.40 |
| Pimlico | Baltimore | 2.00 | 2.05 | 1.50 | 1.36 | .50 | .69 | .40 | 8.00 | 9.70 | 10.00 | 7.84 |
| 6-6-5 | Baltimore | 6.00 | 6.01 | 5.40 | 5.07 | .60 | .94 | .50 | 6.00 | 6.80 | 5.00 | 5.56 |
| 6-6-5 | Baltimore | 6.00 | 5.98 | 5.40 | 4.98 | .60 | 1.00 | .20 | 6.00 | 6.80 | 5.00 | 5.40 |
| 6-6-5 | Baltimore | 6.00 | 6.07 | 5.40 | 5.42 | .60 | .65 | .30 | 6.00 | 6.50 | 5.00 | 5.22 |
| 6-6-5 | Salisbury | 6.00 | 6.01 | 5.40 | 5.25 | .60 | .76 | .30 | 6.00 | 6.60 | 5.00 | 5.12 |
| 6-6-5 | Cambridge | 6.00 | 5.59 | 5.40 | 4.55 | .60 | 1.04 | .10 | 6.00 | 7.20 | 5.00 | 5.22 |
| 6-6-5 | Baltimore | 6.00 | 6.12 | 5.40 | 5.42 | .60 | .70 | .30 | 6.00 | 6.10 | 5.00 | 5.40 |
| Tobacco 10-5-2 | Baltimore | 10.00 | 10.27 | 9.40 | 9.35 | .60 | .92 | .30 | 5.00 | 5.10 | 2.00 | 2.22 |
| Tobacco 4-8-12 | Baltimore | 4.00 | 4.00 | 3.50 | 3.17 | .50 | .83 | .30 | 8.00 | 8.20 | 12.00 | 12.70 |
| Tobacco 4-8-7 | Baltimore | 4.00 | 4.17 | 3.50 | 3.43 | .50 | .74 | .30 | 8.00 | 8.00 | 7.00 | 7.30 |
| 3-8-10 | Baltimore | 3.00 | 3.41 | 2.50 | 2.72 | .50 | .69 | .60 | 8.00 | 8.70 | 10.00 | 9.10 |
| 3-8-8 | Baltimore | 3.00 | 3.00 | 2.50 | 2.25 | .50 | .75 | .20 | 8.00 | 8.50 | 8.00 | 8.40 |
| 3-8-8 | Baltimore | 3.00 | 3.00 | 2.50 | 2.25 | .50 | .75 | .50 | 8.00 | 8.30 | 8.00 | 8.40 |
| 3-8-8 | Cambridge | 3.00 | 3.17 | 2.50 | 2.46 | .50 | .71 | .20 | 8.00 | 8.50 | 8.00 | 8.00 |
| 2-12-6 | Baltimore | 2.00 | 2.06 | 1.50 | 1.50 | .50 | .56 | .90 | 12.00 | 12.10 | 6.00 | 6.34 |
| 2-12-4 | Baltimore | 2.00 | 2.16 | 1.50 | 1.32 | .50 | .84 | .60 | 12.00 | 12.40 | 4.00 | 4.20 |
| 2-12-4 | Baltimore | 2.00 | 2.01 | 1.50 | 1.26 | .50 | .75 | .60 | 12.00 | 12.00 | 4.00 | 4.20 |
| 2-8-5 | Baltimore | 2.00 | 2.05 | 1.50 | 1.26 | .50 | .79 | .40 | 8.00 | 8.10 | 5.00 | 5.18 |
| 2-8-5 | Baltimore | 2.00 | 2.05 | 1.50 | 1.17 | .50 | .88 | .30 | 8.00 | 8.30 | 5.00 | 5.24 |
| 2-8-5 | Baltimore | 2.00 | 2.12 | 1.50 | 1.38 | .50 | .74 | .30 | 8.00 | 8.00 | 5.00 | 5.28 |

† Mineral and Organic findings do not substantiate manufacturers declaration.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **Miller Fertilizer Co., Baltimore, Md.** (Co | nt.) | | | | | | | | | | | |
| 2-8-5 | Owings Mills | 2.00 | **1.99** | 1.50 | **1.43** | .50 | **.56** | **.30** | 8.00 | **8.40** | 5.00 | **5.24** |
| 2-8-5 | Baltimore | 2.00 | **2.04** | 1.50 | **1.26** | .50 | **.78** | **.40** | 8.00 | **8.20** | 5.00 | **5.20** |
| 0-12-5 | Friendsville | ..... | ..... | ..... | ..... | ..... | ..... | **.40** | 12.00 | **12.00** | 5.00 | **5.00** |
| Vegetable Compound | Baltimore | 4.00 | **3.95** | 3.50 | **3.35** | .50 | **.60** | **.60** | 8.00 | **8.50** | 5.00 | **5.58** |
| Vegetable Compound | Baltimore | 4.00 | **4.02** | 3.50 | **3.30** | .50 | **.72** | **.20** | 8.00 | **8.70** | 5.00 | **5.18** |
| Vegetable Compound | Baltimore | 4.00 | **4.02** | 3.50 | **3.53** | .50 | **.49** | **.30** | 8.00 | **8.70** | 5.00 | **5.30** |
| Vegetable Compound | Salisbury | 4.00 | **4.24** | 3.50 | **3.59** | .50 | **.65** | **.20** | 8.00 | **8.70** | 5.00 | **5.16** |
| Vegetable Compound | Cambridge | 4.00 | **4.24** | 3.50 | **3.62** | .50 | **.62** | **.20** | 8.00 | **8.60** | 5.00 | **5.24** |
| **Mount Airy Canning Co., Preston, Md.** | | | | | | | | | | | | |
| Special Pea Fertilizer | Mt. Lake Park | 4.00 | **4.52** | 3.21 | **3.02** | 1.05 | **1.50** | **.60** | 9.00 | **9.60** | 4.00 | **4.40** |
| **N. V. Potash Export My, Inc., Baltimore,** | **Md.** | | | | | | | | | | | |
| High Grade Kainit | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 20.00 | **20.96** |
| Muriate of Potash | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48.00 | **50.60** |
| Muriate of Potash | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48.00 | **49.40** |
| **G. Ober & Sons Co., Baltimore, Md.** | | | | | | | | | | | | |
| Superphosphate H. G. | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **1.20** | 16.00 | **16.00** | ..... | ..... |
| Superphosphate H. G. | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **1.10** | 16.00 | **17.00** | ..... | ..... |
| Superphosphate H. G. | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **1.20** | 16.00 | **16.10** | ..... | ..... |
| Superphosphate H. G. | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **.90** | 16.00 | **17.60** | ..... | ..... |
| Fruit and Vine Truck Guano | Baltimore | 4.00 | **3.92** | 3.00 | **2.98** | 1.00 | **.94** | **1.00** | 8.00 | **8.80** | 5.00 | **5.38** |
| Fruit and Vine Truck Guano | Baltimore | 4.00 | **3.98** | 3.00 | **2.95** | 1.00 | **1.03** | **.60** | 8.00 | **8.00** | 5.00 | **5.40** |
| Fruit and Vine Truck Guano | Baltimore | 4.00 | **3.99** | 3.00 | **3.05** | 1.00 | **.94** | **1.30** | 8.00 | **8.70** | 5.00 | **5.32** |
| Fruit and Vine Truck Guano | Baltimore | 4.00 | **3.85** | 3.00 | **2.64** | 1.00 | **1.21** | **1.10** | 8.00 | **8.70** | 5.00 | **5.22** |
| Lawn and Garden Fertilizer | Westminster | 6.00 | **6.09** | 4.50 | **3.88** | 1.50 | **2.21** | **.60** | 6.00 | **6.60** | 5.00 | **5.80** |
| Lawn and Garden Fertilizer | Baltimore | 6.00 | **6.08** | 4.50 | **4.02** | 1.50 | **2.06** | **.60** | 6.00 | **6.80** | 5.00 | **5.40** |
| Lawn and Garden Fertilizer | Westminster | 4.00 | **3.99** | 0.00 | **.28** | 4.00 | **3.71** | **.50** | 1.50 | **1.90** | 3.50 | **4.00** |
| Lord Calvert Tobacco Fertilizer | Baltimore | 4.00 | **3.99** | 2.80 | **2.74** | 1.20 | **1.25** | **1.00** | 8.00 | **8.30** | 12.00 | **12.24** |
| Lord Calvert Tobacco Fertilizer | Baltimore | 4.00 | **3.88** | 2.80 | **2.80** | 1.20 | **1.08** | **1.00** | 8.00 | **8.70** | 12.00 | **12.40** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maryland Tobacco Growers Special | Baltimore | 4.00 | **4.13** | 2.80 | **3.00** | 1.20 | **1.13** | **1.20** | 8.00 | **8.20** | 7.00 | **7.64** |
| Maryland Tobacco Growers Special | Baltimore | 4.00 | **4.00** | 2.80 | **3.09** | 1.20 | **.91** | **1.00** | 8.00 | **8.40** | 7.00 | **7.34** |
| Maryland Tobacco Growers Special | Baltimore | 4.00 | **3.80** | 2.80 | **2.70** | 1.20 | **1.10** | **1.00** | 8.00 | **8.70** | 7.00 | **7.30** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lord Calvert Tobacco Fertilizer | Baltimore | 4.00 | 3.88 | 2.80 | 2.80 | 1.20 | 1.08 | 1.00 | 8.00 | 8.70 | 12.00 | 12.40 |
| Maryland Tobacco Growers Special | Baltimore | 4.00 | 4.13 | 2.80 | 3.00 | 1.20 | 1.13 | 1.20 | 8.00 | 8.20 | 7.00 | 7.64 |
| Maryland Tobacco Growers Special | Baltimore | 4.00 | 4.00 | 2.80 | 3.09 | 1.20 | .91 | 1.00 | 8.00 | 8.40 | 7.00 | 7.34 |
| Maryland Tobacco Growers Special | Baltimore | 4.00 | 3.80 | 2.80 | 2.70 | 1.20 | 1.10 | 1.30 | 8.00 | 8.70 | 7.00 | 7.12 |
| Maryland Tobacco Growers Special | Baltimore | 4.00 | 4.02 | 2.80 | 2.95 | 1.20 | 1.07 | 1.10 | 8.00 | 8.60 | 7.00 | 6.68 |
| Maryland Tobacco Growers Special | Baltimore | 4.00 | 4.13 | 2.80 | 2.92 | 1.20 | 1.21 | .80 | 8.00 | 8.90 | 7.00 | 7.36 |
| Plant Grower | Baltimore | 6.00 | 6.01 | 5.10 | 5.02 | .90 | .99 | .60 | 6.00 | 6.20 | 8.00 | 8.30 |
| Plant Grower | Baltimore | 6.00 | 6.00 | 5.10 | 4.80 | .90 | 1.24 | .50 | 6.00 | 6.00 | 8.00 | 8.40 |
| Pocahontas Mixture | Baltimore | 2.00 | 2.06 | 1.40 | 1.32 | .60 | .74 | .80 | 12.00 | 12.00 | 8.00 | 8.30 |
| Red Seal Corn and Wheat Guano | Baltimore | 2.00 | 2.11 | 1.60 | 1.54 | .40 | .57 | .80 | 12.00 | 11.90 | 4.00 | 4.14 |
| Red Seal Tobacco Fertilizer | Baltimore | 4.00 | 3.99 | 2.80 | 2.87 | 1.20 | 1.21 | 1.30 | 8.00 | 8.40 | 5.00 | 5.26 |
| Red Seal Tobacco Fertilizer | Baltimore | 4.00 | 3.86 | 2.80 | 2.78 | 1.20 | 1.08 | 1.00 | 8.00 | 8.90 | 5.00 | 5.36 |
| Royal Crown Tobacco Guano | Baltimore | 4.00 | 3.88 | 2.80 | 2.82 | 1.20 | 1.06 | 1.30 | 8.00 | 8.50 | 10.00 | 10.32 |
| Royal Crown Tobacco Guano | Bqltimore | 4.00 | 3.68 | 2.80 | 2.46 | 1.20 | 1.22 | 1.20 | 8.00 | 8.40 | 10.00 | 11.12 |
| Royal Crown Tobacco Guano | Baltimore | 4.00 | 4.20 | 2.80 | 3.17 | 1.20 | 1.03 | .90 | 8.00 | 8.30 | 10.00 | 10.40 |
| Royal Crown Tobacco Guano | Baltimore | 4.00 | 3.99 | 2.80 | 2.87 | 1.20 | 1.12 | 1.00 | 8.00 | 8.80 | 10.00 | 10.10 |
| Special Plant Food | Baltimore | 2.00 | 1.99 | 1.60 | 1.50 | .40 | .49 | 1.10 | 8.00 | 8.70 | 5.00 | 5.18 |
| Special Plant Food | Baltimore | 2.00 | 2.15 | 1.60 | 1.52 | .40 | .63 | .90 | 8.00 | 9.10 | 5.00 | 5.56 |
| Special Plant Food | Baltimore | 2.00 | 2.01 | 1.60 | 1.54 | .40 | .47 | .80 | 8.00 | 8.10 | 5.00 | 5.58 |
| Special Plant Food | Baltimore | 2.00 | 2.01 | 1.60 | 1.68 | .40 | .23 | .80 | 8.00 | 8.00 | 5.00 | 5.40 |
| Special Tobacco Bed Fertilizer | Baltimore | 8.00 | 8.15 | 6.80 | 6.91 | 1.20 | 1.24 | .40 | 5.00 | 5.30 | 2.00 | 2.40 |
| Special Tobacco Bed Fertilizer | Baltimore | 8.00 | 8.03 | 6.80 | 6.91 | 1.20 | 1.12 | .60 | 5.00 | 5.30 | 2.00 | 2.40 |
| Special Tobacco Mixture | Baltimore | 2.00 | 1.99 | 1.40 | 1.36 | .60 | .63 | 1.10 | 8.00 | 8.70 | 10.00 | 10.34 |
| Stag Guano | Baltimore | 1.00 | 1.05 | .80 | .67 | .20 | .38 | 1.30 | 9.00 | 9.30 | 4.00 | 4.40 |
| Stag Guano | Baltimore | 1.00 | 1.05 | .80 | .70 | .20 | .35 | 1.90 | 9.00 | 9.40 | 4.00 | 4.40 |
| Standard Southern Veg. Compound | Baltimore | 6.00 | 5.88 | 4.50 | 4.30 | 1.50 | 1.58 | 1.30 | 6.00 | 6.80 | 5.00 | 5.24 |
| Standard Southern Veg. Compound | Baltimore | 6.00 | 5.92 | 4.50 | 4.59 | 1.50 | 1.33 | 1.40 | 6.00 | 7.00 | 5.00 | 5.20 |
| Standard Southern Veg. Compound | Baltimore | 6.00 | 6.16 | 4.50 | 4.35 | 1.50 | 1.81 | .80 | 6.00 | 7.10 | 5.00 | 5.16 |
| Sunbeam Guano | Baltimore | 4.00 | 4.00 | 3.00 | 2.91 | 1.00 | 1.09 | .60 | 8.00 | 8.20 | 7.00 | 7.76 |
| Sunbeam Guano | Westminster | 4.00 | 3.88 | 3.00 | 2.82 | 1.00 | 1.06 | 1.40 | 8.00 | 8.20 | 7.00 | 7.18 |
| Superior Potato and Vegetable Grower | Baltimore | 2.00 | 1.98 | 1.60 | 1.33 | .40 | .65 | .70 | 8.00 | 8.50 | 10.00 | 10.40 |
| Superior Potato and Vegetable Grower | Baltimore | 2.00 | 2.15 | 1.60 | 1.59 | .40 | .56 | 1.30 | 8.00 | 8.00 | 10.00 | 10.08 |
| Superior Potato and Vegetable Grower | Baltimore | 2.00 | 1.99 | 1.60 | 1.67 | .40 | .32 | 1.30 | 8.00 | 8.50 | 10.00 | 10.36 |
| **Old Gardener Co., Pittsburgh, Pa.** | | | | | | | | | | | | |
| †Old Gardener Fertilizer | Hyattsville | 2.00 | 2.19 | 0.00 | 1.90 | 2.00 | .29 | .80 | 10.00 | 10.80 | 4.00 | 4.20 |
| **Piedmont-Mt. Airy Guano Co., Inc., Baltimore, Md.** | | | | | | | | | | | | |
| Farmers Favorite | Mt. Airy | 1.00 | 1.18 | .50 | .42 | .50 | .76 | .50 | 9.00 | 9.60 | 4.00 | 4.22 |
| 4-8-5 Fertilizer | Mt. Airy | 4.00 | 4.02 | 3.50 | 3.41 | .50 | .61 | .30 | 8.00 | 8.90 | 5.00 | 5.24 |
| Perfection Guano | Baltimore | 2.00 | 2.04 | 1.50 | 1.32 | .50 | .72 | .20 | 8.00 | 8.10 | 5.00 | 5.04 |
| Perfection Guano | Mt. Airy | 2.00 | 2.01 | 1.50 | 1.38 | .50 | .63 | .40 | 8.00 | 8.80 | 5.00 | 5.06 |
| Unexcelled Guano | Mt. Airy | 4.00 | 4.06 | 3.50 | 3.45 | .50 | .61 | .30 | 8.00 | 8.70 | 4.00 | 4.36 |

† Mineral and Organic findings do not substantiate manufacturers declaration.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) Total Guaranteed | NITROGEN (N) Total FOUND | NITROGEN (N) Mineral Declared | NITROGEN (N) Mineral FOUND | NITROGEN (N) Organic Declared | NITROGEN (N) Organic FOUND | PHOSPHORIC ACID ($P_2O_5$) Insoluble FOUND | PHOSPHORIC ACID ($P_2O_5$) Available Guaranteed | PHOSPHORIC ACID ($P_2O_5$) Available FOUND | POTASH ($K_2O$) Guaranteed | POTASH ($K_2O$) FOUND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Plantabbs, Corp., Baltimore, Md.** | | | | | | | | | | | | |
| Fulton's Plantabbs | Baltimore | 11.00 | 11.21 | ..... | ..... | ..... | ..... | ..... | *15.00 | *19.30 | 20.00 | 26.00 |
| **Potomac Poultry Food Co., Inc., Baltimore, Md.** | | | | | | | | | | | | |
| 4% Potash Potolime, Baked Oyster Shell Lime | Baltimore | ..... | ..... | ..... | ..... | ..... | **41.00 | **48.70 | ***.40 | ***.68 | 4.00 | 4.20 |
| 4% Potash Potolime, Baked Oyster Shell Lime | Crisfield | ..... | ..... | ..... | ..... | ..... | **41.00 | **38.15 | ***.40 | ***.83 | 4.00 | 5.00 |
| **Pulverized Manure Co., Chicago, Ill.** | | | | | | | | | | | | |
| Wizard Brand Cattle Manure | Baltimore | 2.00 | 1.98 | ..... | ..... | ..... | ..... | ..... | *1.00 | *1.20 | 1.00 | 1.02 |
| Wizard Brand Pulverized Sheep Manure | Hyattsville | 2.00 | 2.33 | ..... | ..... | ..... | ..... | ..... | *1.00 | *2.30 | 2.00 | 2.86 |
| Wizard Brand Pulverized Sheep Manure | Baltimore | 2.00 | 2.01 | ..... | ..... | ..... | ..... | ..... | *1.00 | *1.80 | 2.00 | 4.04 |
| **Ramsburg Fertilizer Co., Frederick, Md.** | | | | | | | | | | | | |
| Super Phosphate | Frederick | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 16.00 | 16.10 | ..... | ..... |
| Ammoniated phosphate | Frederick | 1.00 | 1.40 | .65 | .84 | .35 | .56 | .40 | 10.00 | 11.70 | 4.00 | 4.20 |
| Corn and Potato Fertilizer | Frederick | 1.00 | 1.22 | .65 | .70 | .35 | .52 | .40 | 10.00 | 11.40 | 5.00 | 5.40 |
| Excelsior Plant Food | Frederick | 2.00 | 2.18 | 1.50 | 1.46 | .50 | .72 | .30 | 10.00 | 10.70 | 4.00 | 4.40 |
| High Grade Trucking Fertilizer | Frederick | 4.00 | 4.23 | 3.50 | 3.79 | .50 | .44 | .20 | 8.00 | 9.20 | 4.00 | 5.28 |
| High Grade Trucking Fertilizer | Frederick | 4.00 | 3.54 | 3.50 | 2.88 | .50 | .66 | .20 | 8.00 | 9.90 | 4.00 | 4.78 |
| Old Virginia Compound | Frederick | 1.00 | 1.19 | .65 | .67 | .35 | .52 | .30 | 10.00 | 11.80 | 5.00 | 5.08 |
| Royal Crop Grower | Frederick | 2.00 | 2.30 | 1.50 | 1.46 | .50 | .84 | .60 | 12.00 | 13.10 | 6.00 | 6.52 |
| Special 2-8-5 Fertilizer | Frederick | 2.00 | 2.01 | 1.65 | 1.41 | .35 | .60 | .20 | 8.00 | 10.10 | 5.00 | 5.40 |
| Special Rock and Potash | Frederick | ..... | ..... | ..... | ..... | ..... | ..... | .30 | 12.00 | 16.10 | 5.00 | 3.70 |
| Special Rock and Potash | Frederick | ..... | ..... | ..... | ..... | ..... | ..... | .80 | 12.00 | 15.40 | 5.00 | 5.00 |
| **Rasin-Monumental Co., Baltimore, Md.** | | | | | | | | | | | | |
| Eastern Shore Potato Special | PocomokeCity | 6.00 | 6.08 | 3.60 | 3.90 | 2.40 | 2.18 | .40 | 6.00 | 6.60 | 5.00 | 5.80 |
| **Read Drug & Chemical Co., Baltimore, Md.** | | | | | | | | | | | | |
| Plant-gro | Baltimore | 4.00 | 3.99 | 4.00 | 2.93 | 0.00 | 1.06 | .60 | 12.00 | 12.60 | 4.00 | 4.38 |
| **Reindollar Co., Taneytown, Md.** | | | | | | | | | | | | |
| Acid Phosphate | Taneytown | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 16.00 | 17.10 | ..... | ..... |
| Crop Grower | Taneytown | 2.00 | 2.01 | 1.50 | 1.40 | .50 | .61 | .40 | 8.00 | 8.60 | 5.00 | 6.21 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Reindollar Co., Taneytown, Md.** | | | | | | | | | | | | |
| Acid Phosphate | Taneytown | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 16.00 | 17.10 | ..... | ..... |
| Crop Grower | Taneytown | 2.00 | 2.01 | 1.50 | 1.40 | .50 | .61 | .40 | 8.00 | 8.60 | 5.00 | 6.01 |
| Rock and Potash | Taneytown | ..... | ..... | ..... | ..... | ..... | ..... | .30 | 12.00 | 11.80 | 5.00 | 5.44 |
| **F. S. Royster Guano Co., Baltimore, Md.** | | | | | | | | | | | | |
| Superphosphate 20% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .30 | 20.00 | 21.00 | ..... | ..... |
| Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .90 | 16.00 | 17.10 | ..... | ..... |
| Arrow Potato Guano | Baltimore | 6.00 | 6.00 | 3.60 | 3.63 | 2.40 | 2.37 | .20 | 6.00 | 6.60 | 5.00 | 5.10 |
| Arrow Potato Guano | Salisbury | 6.00 | 6.09 | 3.60 | 3.73 | 2.40 | 2.36 | .10 | 6.00 | 6.50 | 5.00 | 5.10 |
| Bully Guano | Baltimore | 2.00 | 2.12 | 1.60 | 1.66 | .40 | .46 | .20 | 8.00 | 8.60 | 5.00 | 5.24 |
| Bully Guano | Baltimore | 2.00 | 2.02 | 1.60 | 1.52 | .40 | .50 | .30 | 8.00 | 8.70 | 5.00 | 5.14 |
| Bully Guano | Reisterstown | 2.00 | 2.02 | 1.60 | 1.60 | .40 | .42 | .20 | 8.00 | 8.40 | 5.00 | 5.18 |
| Gem Guano | Baltimore | 2.00 | 2.01 | 1.60 | 1.57 | .40 | .44 | .20 | 12.00 | 12.80 | 4.00 | 4.30 |
| Jim Dandy Guano | Baltimore | 2.00 | 1.99 | 1.60 | 1.52 | .40 | .47 | .20 | 12.00 | 12.80 | 2.00 | 2.30 |
| Maryland Pride Tobacco Guano | Baltimore | 3.00 | 3.13 | 1.50 | 1.43 | 1.50 | 1.70 | .30 | 12.00 | 12.10 | 3.00 | 3.24 |
| Phosphate and Potash | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .30 | 12.00 | 12.90 | 5.00 | 5.14 |
| Quality Trucker | Baltimore | 4.00 | 4.04 | 3.20 | 3.29 | .80 | .75 | .20 | 8.00 | 8.80 | 7.00 | 7.20 |
| Quality Trucker | Rockville | 4.00 | 4.28 | 3.20 | 3.37 | .80 | .91 | .30 | 8.00 | 8.30 | 7.00 | 7.04 |
| Sheep and Goat Manure | Mt. Lake Park | 1.28 | 2.11 | ..... | ..... | ..... | ..... | ..... | *1.00 | *1.10 | 2.00 | 2.40 |
| Special Trucker | Salisbury | 4.00 | 4.02 | 3.20 | 3.44 | .80 | .58 | .20 | 8.00 | 8.30 | 5.00 | 5.36 |
| Viking Guano | Rockville | 2.00 | 1.99 | 1.60 | 1.54 | .40 | .45 | .40 | 9.00 | 9.50 | 3.00 | 3.28 |
| **F. Rynveld & Sons, New York, N. Y.** | | | | | | | | | | | | |
| Bone Meal Fertilizer | Baltimore | 1.85 | 1.63 | ..... | ..... | ..... | ..... | ..... | *22.80 | *32.70 | ..... | ..... |
| **Wm. G. Scarlett & Co., Baltimore, Md.** | | | | | | | | | | | | |
| Greenway Brand Bone Meal | Baltimore | 2.50 | 2.74 | ..... | ..... | ..... | ..... | ..... | *24.00 | *24.40 | ..... | ..... |
| Greenway Brand Bone Meal | Port Deposit | 2.50 | 2.39 | ..... | ..... | ..... | ..... | ..... | *24.00 | *22.20 | ..... | ..... |
| **W. A. Simpson Co., Division of the Belt Seed Co., Inc., Baltimore, Md.** | | | | | | | | | | | | |
| Lawnspur | Baltimore | 5.00 | 4.72 | ..... | ..... | ..... | ..... | .10 | 10.00 | 10.50 | 5.00 | 5.02 |
| **R. H. Slingluff Fertilizer Co., Baltimore, Md.** | | | | | | | | | | | | |
| Acid Phosphate | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 16.00 | 16.40 | ..... | ..... |
| Big and Bright | Baltimore | 4.00 | 3.98 | 3.25 | 3.20 | .75 | .78 | .70 | 8.00 | 8.70 | 5.00 | 5.40 |
| Big and Bright | Baltimore | 4.00 | 3.95 | 3.25 | 3.16 | .75 | .79 | .60 | 8.00 | 8.50 | 5.00 | 5.40 |
| Champion Phosphate | Baltimore | 2.00 | 2.11 | 1.50 | 1.12 | .50 | .99 | .30 | 8.00 | 8.60 | 5.00 | 5.00 |
| For Tobacco | Baltimore | 4.00 | 3.69 | 3.25 | 2.99 | .75 | .70 | .70 | 8.00 | 8.80 | 7.00 | 6.36 |
| High Grade Tobacco | Baltimore | 4.00 | 3.99 | 3.25 | 3.30 | .75 | .69 | .50 | 8.00 | 8.70 | 12.00 | 12.40 |
| Long Red Tobacco | Baltimore | 4.00 | 4.14 | 3.25 | 3.34 | .75 | .80 | .50 | 8.00 | 8.40 | 10.00 | 10.32 |
| Master Trucker | Fullerton | 5.00 | 4.91 | 3.65 | 3.54 | 1.35 | 1.36 | .30 | 7.00 | 7.30 | 5.00 | 5.40 |

* Total Phosphoric Acid. ** Calcium Oxide. *** Magnesium Oxide.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **R. H. Slingluff Fertilizer Co., Baltimore, Md.** (Cont.) | | | | | | | | | | | | |
| 10% Tobacco Bed Spec'l with 2% Potash | Fulkner | 10.00 | **10.49** | 8.75 | **9.27** | 1.25 | **1.22** | **.20** | 5.00 | **5.10** | 2.00 | **2.20** |
| 10% Tobacco Bed Spec'l with 2% Potash | Baltimore | 10.00 | **10.06** | 8.75 | **8.68** | 1.25 | **1.38** | **.20** | 5.00 | **5.40** | 2.00 | **2.36** |
| Truck and Potato | Baltimore | 4.00 | **3.96** | 3.50 | **3.29** | .50 | **.67** | **.30** | 8.00 | **8.70** | 7.00 | **7.30** |
| **Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md.** | | | | | | | | | | | | |
| U. S. Superphosphate 20% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **1.80** | 20.00 | **19.40** | ..... | ..... |
| U. S. Superphosphate 20% | College Park | ..... | ..... | ..... | ..... | ..... | ..... | **.90** | 20.00 | **19.10** | ..... | ..... |
| U. S. Superphosphate 20% | College Park | ..... | ..... | ..... | ..... | ..... | ..... | **1.00** | 20.00 | **15.30** | ..... | ..... |
| U. S. Superphosphate 16% | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **1.20** | 16.00 | **16.60** | ..... | ..... |
| U. S. Superphosphate 16% | Reisterstown | ..... | ..... | ..... | ..... | ..... | ..... | **.80** | 16.00 | **16.10** | ..... | ..... |
| U. S. Superphosphate 16% | College Park | ..... | ..... | ..... | ..... | ..... | ..... | **1.10** | 16.00 | **14.80** | ..... | ..... |
| U. S. Superphosphate 16% | College Park | ..... | ..... | ..... | ..... | ..... | ..... | **.90** | 16.00 | **15.70** | ..... | ..... |
| U. S. 8-5-2 | Baltimore | 8.00 | **8.00** | 6.40 | **6.68** | 1.60 | **1.32** | **.30** | 5.00 | **5.30** | 2.00 | **2.43** |
| U. S. 5-8-7 | Baltimore | 5.00 | **5.00** | 4.00 | **3.85** | 1.00 | **1.21** | **1.30** | 8.00 | **8.10** | 7.00 | **7.08** |
| U. S. 5-8-7 | Glenburnie | 5.00 | **4.91** | 4.00 | **3.82** | 1.00 | **1.09** | **.90** | 8.00 | **8.80** | 7.00 | **7.12** |
| U. S. 5-8-7 | College Park | 5.00 | **4.82** | 4.00 | **4.14** | 1.00 | **.68** | **.40** | 8.00 | **8.50** | 7.00 | **6.72** |
| U. S. 5-8-5 | Baltimore | 5.00 | **5.12** | 4.00 | **4.18** | 1.00 | **.94** | **.40** | 8.00 | **8.30** | 5.00 | **5.36** |
| U. S. 5-8-5 | Baltimore | 5.00 | **5.00** | 4.00 | **4.00** | 1.00 | **1.00** | **.20** | 8.00 | **8.60** | 5.00 | **5.16** |
| U. S. 5-8-5 | Baltimore | 5.00 | **4.75** | 4.00 | **3.48** | 1.00 | **1.27** | **.40** | 8.00 | **8.50** | 5.00 | **5.12** |
| U. S. 5-8-5 | Glenburnie | 5.00 | **5.15** | 4.00 | **4.17** | 1.00 | **.98** | **.40** | 8.00 | **8.50** | 5.00 | **5.40** |
| U. S. 5-8-5 | Jessups | 5.00 | **4.91** | 4.00 | **3.89** | 1.00 | **1.02** | **.30** | 8.00 | **8.30** | 5.00 | **5.30** |
| U. S. 5-8-4 | Easton | 5.00 | **4.86** | 4.00 | **4.14** | 1.00 | **.72** | **.30** | 8.00 | **8.80** | 4.00 | **4.08** |
| U. S. 4-16-4 | Cumberland | 4.00 | **3.99** | 3.60 | **3.43** | .40 | **.56** | **1.60** | 16.00 | **15.60** | 4.00 | **4.40** |
| U. S. 4-8-12 | Catonsville | 4.00 | **3.96** | 3.20 | **3.29** | .80 | **.66** | **.20** | 8.00 | **8.30** | 12.00 | **12.40** |
| U. S. 4-8-10 | Baltimore | 4.00 | **4.07** | 3.20 | **3.10** | .80 | **.97** | **.60** | 8.00 | **8.40** | 10.00 | **10.40** |
| U. S. 4-8-7 | Baltimore | 4.00 | **4.11** | 3.20 | **3.29** | .80 | **.82** | **.70** | 8.00 | **8.20** | 7.00 | **7.00** |
| U. S. 4-8-5 | Baltimore | 4.00 | **3.99** | 3.20 | **2.95** | .80 | **1.04** | **.40** | 8.00 | **8.30** | 5.00 | **5.28** |
| U. S. 4-8-5 | Owings Mills | 4.00 | **3.99** | 3.20 | **2.84** | .80 | **1.15** | **.60** | 8.00 | **8.10** | 5.00 | **5.10** |
| U. S. 4-8-5 | Catonsville | 4.00 | **3.98** | 3.20 | **2.99** | .80 | **.99** | **.40** | 8.00 | **8.00** | 5.00 | **4.92** |
| U. S. 4-8-5 | Loch Raven | 4.00 | **4.10** | 3.20 | **3.00** | .80 | **1.10** | **.40** | 8.00 | **7.90** | 5.00 | **5.90** |
| U. S. 4-8-5 | Crownsville | 4.00 | **3.97** | 3.20 | **2.82** | .80 | **1.15** | **.40** | 8.00 | **7.90** | 5.00 | **5.10** |
| U. S. 4-8-5 | College Park | 4.00 | **4.06** | 3.20 | **2.85** | .80 | **1.21** | **.50** | 8.00 | **8.00** | 5.00 | **5.04** |
| U. S. 4-8-4 | Baltimore | 4.00 | **4.02** | 3.20 | **3.17** | .80 | **.85** | **.80** | 8.00 | **8.60** | 4.00 | **4.38** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U. S. 4-8-5 | Crownsville | 4.00 | 3.97 | 3.20 | 2.82 | .80 | 1.15 | .40 | 8.00 | 7.90 | 5.00 | 5.10 |
| U. S. 4-8-5 | College Park | 4.00 | 4.06 | 3.20 | 2.85 | .80 | 1.21 | .50 | 8.00 | 8.00 | 5.00 | 5.04 |
| U. S. 4-8-4 | Baltimore | 4.00 | 4.02 | 3.20 | 3.17 | .80 | .85 | .80 | 8.00 | 8.60 | 4.00 | 4.38 |
| U. S. Jumbo Potato Grower | Cambridge | 7.00 | 7.07 | 5.60 | 5.59 | 1.40 | 1.48 | .10 | 6.00 | 6.60 | 5.00 | 5.60 |
| U. S. Jumbo Potato Grower | Jessups | 7.00 | 6.91 | 5.60 | 5.29 | 1.40 | 1.62 | .60 | 6.00 | 6.30 | 5.00 | 5.92 |
| Kainit | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12.40 | 12.48 |
| Kainit | Owings Mills | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12.40 | 13.52 |
| Kainit | Sykesville | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12.40 | 12.96 |
| Kainit | College Park | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12.40 | 14.82 |
| Raw Bone Meal | Towson | 3.70 | 3.68 | ..... | ..... | ..... | ..... | ..... | *22.00 | *23.60 | ..... | ..... |
| U. S. Steamed Bone Meal | Cumberland | 2.47 | 2.54 | ..... | ..... | ..... | ..... | ..... | *22.00 | *25.50 | ..... | ..... |
| U. S. Steamed Bone Meal | College Park | 2.47 | 2.43 | ..... | ..... | ..... | ..... | ..... | *22.00 | *24.80 | ..... | ..... |
| U. S. 7-6-8 | Baltimore | 7.00 | 6.56 | 4.90 | 4.73 | 2.10 | 1.83 | .30 | 6.00 | 7.00 | 8.00 | 8.40 |
| U. S. 7-6-8 | Baltimore | 7.00 | 7.18 | 4.90 | 5.14 | 2.10 | 2.04 | .20 | 6.00 | 6.40 | 8.00 | 8.75 |
| U. S. 7-6-5 | College Park | 7.00 | 6.63 | 5.60 | 5.01 | 1.40 | 1.61 | .50 | 6.00 | 6.50 | 5.00 | 5.46 |
| U. S. 6-6-5 | Sykesville | 6.00 | 5.87 | 4.80 | 4.35 | 1.20 | 1.52 | .30 | 6.00 | 6.40 | 5.00 | 5.00 |
| U. S. 6-6-5 | Towson | 6.00 | 5.94 | 4.80 | 4.45 | 1.20 | 1.49 | .50 | 6.00 | 6.00 | 5.00 | 5.12 |
| U. S. 6-6-5 | Owings Mills | 6.00 | 6.00 | 4.80 | 4.44 | 1.20 | 1.56 | .40 | 6.00 | 6.20 | 5.00 | 5.24 |
| U. S. 6-6-5 | Crownsville | 6.00 | 5.97 | 4.80 | 4.76 | 1.20 | 1.21 | .40 | 6.00 | 6.00 | 5.00 | 4.95 |
| U. S. 6-6-5 | Loch Raven | 6.00 | 5.81 | 4.80 | 4.47 | 1.20 | 1.34 | .60 | 6.00 | 6.00 | 5.00 | 5.00 |
| U. S. 6-6-5 | Catonsville | 6.00 | 5.70 | 4.80 | 4.23 | 1.20 | 1.47 | .40 | 6.00 | 6.10 | 5.00 | 5.20 |
| U. S. 6-6-5 | Reisterstown | 6.00 | 5.42 | 4.80 | 4.21 | 1.20 | 1.21 | .60 | 6.00 | 6.60 | 5.00 | 5.00 |
| U. S. Sulphate of Ammonia | College Park | 20.56 | 20.50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| U. S. Sulphate of Ammonia | College Park | 20.56 | 20.52 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| U. S. 3-8-8 | Jessups | 3.00 | 3.34 | 2.40 | 2.53 | .60 | .81 | .70 | 8.00 | 8.10 | 8.00 | 8.30 |
| U. S. 2-12-6 | Baltimore | 2.00 | 2.34 | 1.60 | 1.70 | .40 | .64 | .40 | 12.00 | 12.00 | 6.00 | 6.10 |
| U. S. 2-12-4 | Owings Mills | 2.00 | 2.25 | 1.60 | 1.64 | .40 | .61 | .60 | 12.00 | 11.50 | 4.00 | 4.38 |
| U. S. 2-12-4 | Sykesville | 2.00 | 2.25 | 1.60 | 1.64 | .40 | .61 | .60 | 12.00 | 11.80 | 4.00 | 4.04 |
| U. S. 2-12-4 | Reisterstown | 2.00 | 2.47 | 1.60 | 1.88 | .40 | .59 | .50 | 12.00 | 11.30 | 4.00 | 5.18 |
| U. S. 2-12-4 | Loch Raven | 2.00 | 2.32 | 1.60 | 1.77 | .40 | .55 | .30 | 12.00 | 11.70 | 4.00 | 4.64 |
| U. S. 2-12-4 | Jessups | 2.00 | 2.25 | 1.60 | 1.61 | .40 | .64 | .50 | 12.00 | 11.60 | 4.00 | 4.78 |
| U. S. 2-8-12 with Sulphate of Potash | Jessups | 2.00 | 2.60 | 1.60 | 2.04 | .40 | .56 | .40 | 8.00 | 8.20 | 12.00 | 12.06 |
| U. S. 2-8-10 | Baltimore | 2.00 | 2.11 | 1.60 | 1.59 | .40 | .52 | .40 | 8.00 | 8.00 | 10.00 | 10.80 |
| U. S. 2-8-10 | Cumberland | 2.00 | 2.18 | 1.60 | 1.68 | .40 | .50 | .60 | 8.00 | 8.50 | 10.00 | 10.40 |
| U. S. 2-8-10 | Baltimore | 2.00 | 2.26 | 1.60 | 1.20 | .40 | 1.06 | .40 | 8.00 | 8.50 | 10.00 | 10.30 |
| U. S. 2-8-5 | Baltimore | 2.00 | 2.06 | 1.60 | 1.45 | .40 | .61 | .90 | 8.00 | 8.70 | 5.00 | 5.40 |
| U. S. 2-8-5 | Baltimore | 2.00 | 2.05 | 1.60 | 1.54 | .40 | .51 | .60 | 8.00 | 9.00 | 5.00 | 5.40 |
| U. S. 2-8-5 | Baltimore | 2.00 | 1.92 | 1.60 | 1.36 | .40 | .56 | .30 | 8.00 | 9.20 | 5.00 | 5.00 |
| U. S. 2-8-5 | Baltimore | 2.00 | 2.37 | 1.60 | 1.83 | .40 | .54 | .30 | 8.00 | 8.60 | 5.00 | 5.10 |
| U. S. 0-10-10 | Cumberland | ..... | ..... | ..... | ..... | ..... | ..... | .70 | 10.00 | 9.40 | 10.00 | 11.90 |

* Total Phosphoric Acid.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **Geo. W. Standiford, Fallston, Md.** | | | | | | | | | | | | |
| Corn and Wheat Grower | Baltimore | 2.00 | **1.98** | 1.40 | **1.21** | .60 | **.77** | **.10** | 8.00 | **8.60** | 5.00 | **5.40** |
| Turck Special | Baltimore | 4.00 | **3.99** | 3.20 | **2.67** | .80 | **1.32** | **.50** | 8.00 | **9.60** | 5.00 | **5.24** |
| **Summers Fertilizers Co., Inc., Baltimore, Md.** | | | | | | | | | | | | |
| Dried Blood | Baltimore | 13.16 | **13.48** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 4-16-4 Fertilizer | Baltimore | 4.00 | **4.00** | 3.50 | **3.71** | .50 | **.29** | **1.80** | 16.00 | **13.30** | 4.00 | **5.16** |
| Genuine Venezuelan Goat Manure | Baltimore | 1.00 | **.80** | ..... | ..... | ..... | ..... | ..... | *1.00 | *.80 | 3.00 | **4.02** |
| Steamed Bone Meal | Baltimore | 2.46 | **5.34** | ..... | ..... | ..... | ..... | ..... | *22.88 | *20.80 | ..... | ..... |
| Sulphate of Ammonia | Baltimore | 20.56 | **20.60** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **Swift & Co., Baltimore, Md.** | | | | | | | | | | | | |
| Red Steer Superphosphate | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **.50** | 16.00 | **16.20** | ..... | ..... |
| Red Steer Superphosphate | Baltimore | ..... | ..... | ..... | ..... | ..... | ..... | **.30** | 16.00 | **16.10** | ..... | ..... |
| Bone Meal Fertilizer | Clinton | 2.47 | **2.71** | ..... | ..... | ..... | ..... | *22.00 | *26.90 | ..... | ..... | ..... |
| Red Steer 8-5-2 | Baltimore | 8.00 | **8.10** | 6.58 | **6.40** | 1.42 | **1.70** | **.20** | 5.00 | **5.60** | 2.00 | **2.14** |
| Red Steer 5-8-5 | Baltimore | 5.00 | **4.98** | 4.04 | **3.89** | .96 | **1.09** | **.30** | 8.00 | **8.30** | 5.00 | **4.76** |
| Red Steer 5-8-5 | Baltimore | 5.00 | **4.80** | 4.04 | **3.63** | .96 | **1.17** | **.20** | 8.00 | **8.60** | 5.00 | **4.80** |
| Red Steer 5-8-5 | Silver Spring | 5.00 | **4.86** | 4.04 | **3.67** | .96 | **1.19** | **.20** | 8.00 | **8.90** | 5.00 | **5.32** |
| Red Steer 5-8-5 | Annapolis | 5.00 | **5.00** | 4.04 | **3.91** | .96 | **1.09** | **.30** | 8.00 | **8.30** | 5.00 | **5.24** |
| Red Steer 5-8-5 | Clinton | 5.00 | **5.03** | 4.04 | **3.94** | .96 | **1.09** | **.30** | 8.00 | **8.20** | 5.00 | **5.18** |
| Red Steer 5-8-5 | Baltimore | 5.00 | **4.99** | 4.04 | **3.77** | .96 | **1.22** | **.40** | 8.00 | **8.00** | 5.00 | **5.21** |
| Red Steer 4-8-10 Potash from Sulphate | Baltimore | 4.00 | **3.99** | 3.19 | **3.23** | .81 | **.76** | **.10** | 8.00 | **8.40** | 10.00 | **10.40** |
| Red Steer 4-8-10 Potash from Sulphate | Baltimore | 4.00 | **3.72** | 3.19 | **2.90** | .81 | **.80** | **.30** | 8.00 | **8.20** | 10.00 | **10.06** |
| Red Steer 4-8-10 Potash from Sulphate | Baltimore | 4.00 | **3.86** | 3.19 | **3.26** | .81 | **.60** | **.20** | 8.00 | **8.20** | 10.00 | **10.80** |
| Red Steer 4-8-7 | Baltimore | 4.00 | **3.98** | 3.19 | **2.96** | .81 | **1.02** | **.40** | 8.00 | **8.70** | 7.00 | **7.16** |
| Red Steer 4-8-5 | Baltimore | 4.00 | **4.02** | 3.19 | **3.22** | .81 | **.80** | **.40** | 8.00 | **8.90** | 5.00 | **5.00** |
| Red Steer 4-8-5 | Baltimore | 4.00 | **4.02** | 3.19 | **2.98** | .81 | **1.04** | **.20** | 8.00 | **8.50** | 5.00 | **5.30** |
| Red Steer 4-8-5 | Baltimore | 4.00 | **3.84** | 3.19 | **2.99** | .81 | **.85** | **.40** | 8.00 | **8.40** | 5.00 | **5.16** |
| Red Steer 4-8-5 | Baltimore | 4.00 | **4.00** | 3.19 | **3.04** | .81 | **.96** | **.40** | 8.00 | **8.40** | 5.00 | **5.20** |
| Red Steer 4-8-5 | Baltimore | 4.00 | **4.00** | 3.19 | **3.02** | .81 | **.98** | **.40** | 8.00 | **8.20** | 5.00 | **5.16** |
| Red Steer 4-8-5 | Baltimore | 4.00 | **3.89** | 3.19 | **2.95** | .81 | **.94** | **.40** | 8.00 | **8.40** | 5.00 | **5.08** |
| Red Steer 4-8-5 | Baltimore | 4.00 | **4.02** | 3.19 | **3.11** | .81 | **.91** | **.50** | 8.00 | **8.50** | 5.00 | **5.28** |
| Red Steer 4-8-5 | Salisbury | 4.00 | **4.00** | 3.19 | **3.04** | .81 | **.96** | **.60** | 8.00 | **8.20** | 5.00 | **5.14** |
| Red Steer 4-8-5 | Ridgely | 4.00 | **4.11** | 3.19 | **3.10** | .81 | **1.01** | **.70** | 8.00 | **8.20** | 5.00 | **5.24** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Red Steer 4-8-5 | Baltimore | 4.00 | 4.02 | 3.19 | 3.11 | .81 | .91 | .50 | 8.00 | 8.50 | 5.00 | 5.28 |
| Red Steer 4-8-5 | Salisbury | 4.00 | 4.00 | 3.19 | 3.04 | .81 | .96 | .60 | 8.00 | 8.20 | 5.00 | 5.14 |
| Red Steer 4-8-5 | Ridgely | 4.00 | 4.11 | 3.19 | 3.10 | .81 | 1.01 | .70 | 8.00 | 8.20 | 5.00 | 5.24 |
| Red Steer 4-8-5 | Baltimore | 4.00 | 4.00 | 3.19 | 3.00 | .81 | 1.00 | .60 | 8.00 | 8.30 | 5.00 | 5.00 |
| Kainit | Blatimore | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14.00 | 12.56 |
| Kainit | Ridgely | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14.00 | 13.00 |
| Muriate of Potash | Silver Spring | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48.00 | 49.20 |
| Raw Bone Meal | Silver Spring | 3.70 | 3.76 | ..... | ..... | ..... | ..... | ..... | *20.00 | *21.90 | ..... | ..... |
| Red Steer 6-6-5 | Baltimore | 6.00 | 5.56 | 5.13 | 4.19 | .87 | 1.37 | .30 | 6.00 | 6.70 | 5.00 | 5.16 |
| Red Steer 6-6-5 | Baltimore | 6.00 | 5.77 | 5.13 | 4.59 | .87 | 1.18 | .30 | 6.00 | 6.60 | 5.00 | 5.00 |
| Red Steer 6-6-5 | Baltimore | 6.00 | 5.83 | 5.13 | 4.84 | .87 | .99 | .30 | 6.00 | 6.70 | 5.00 | 5.10 |
| Red Steer 6-6-5 | Annapolis | 6.00 | 5.81 | 5.13 | 4.58 | .87 | 1.23 | .20 | 6.00 | 6.40 | 5.00 | 5.36 |
| Red Steer 6-6-5 | Clinton | 6.00 | 5.83 | 5.13 | 4.77 | .87 | 1.06 | .20 | 6.00 | 6.30 | 5.00 | 5.00 |
| Red Steer 6-6-5 | Salisbury | 6.00 | 5.71 | 5.13 | 4.68 | .87 | 1.03 | .20 | 6.00 | 6.50 | 5.00 | 5.06 |
| Red Steer 6-6-5 | Ridgely | 6.00 | 5.90 | 5.13 | 4.88 | .87 | 1.02 | .20 | 6.00 | 6.30 | 5.00 | 5.36 |
| Red Steer 3-13-6 | Ridgely | 3.00 | 3.26 | 2.57 | 2.60 | .43 | .66 | .70 | 12.00 | 12.00 | 6.00 | 6.24 |
| Red Steer 3-8-10 | Baltimore | 3.00 | 2.88 | 2.34 | 2.16 | .66 | .72 | .30 | 8.00 | 8.50 | 10.00 | 10.30 |
| Red Steer 3-8-10 | Baltimore | 3.00 | 3.00 | 2.34 | 2.30 | .66 | .70 | .60 | 8.00 | 8.40 | 10.00 | 10.08 |
| Red Steer 3-8-10 | Baltimore | 3.00 | 3.16 | 2.34 | 2.40 | .66 | .76 | .70 | 8.00 | 8.50 | 10.00 | 10.12 |
| Red Steer 3-8-10 | Ridgely | 3.00 | 2.93 | 2.34 | 2.24 | .66 | .69 | .70 | 8.00 | 8.10 | 10.00 | 10.04 |
| Red Steer 3-8-10 | Baltimore | 3.00 | 3.13 | 2.34 | 2.20 | .66 | .93 | .60 | 8.00 | 8.10 | 10.00 | 9.80 |
| Red Steer 2-12-4 | Baltimore | 2.00 | 2.36 | 1.57 | 1.87 | .43 | .49 | .40 | 12.00 | 11.50 | 4.00 | 4.40 |
| Red Steer 2-12-4 | Baltimore | 2.00 | 2.18 | 1.57 | 1.67 | .43 | .51 | .30 | 12.00 | 12.40 | 4.00 | 4.40 |
| Red Steer 2-8-10 | Baltimore | 2.00 | 2.12 | 1.57 | 1.60 | .43 | .52 | .40 | 8.00 | 8.40 | 10.00 | 10.32 |
| Red Steer 2-8-10 | Baltimore | 2.00 | 2.16 | 1.57 | 1.59 | .43 | .57 | .50 | 8.00 | 8.20 | 10.00 | 10.38 |
| Red Steer 2-8-10 | Baltimore | 2.00 | 2.29 | 1.57 | 1.88 | .43 | .41 | .40 | 8.00 | 8.00 | 10.00 | 10.40 |
| Red Steer 2-8-5 | Baltimore | 2.00 | 1.98 | 1.57 | 1.49 | .43 | .49 | .20 | 8.00 | 8.60 | 5.00 | 5.40 |
| Red Steer 2-8-5 | Baltimore | 2.00 | 1.99 | 1.57 | 1.66 | .43 | .33 | .30 | 8.00 | 8.30 | 5.00 | 5.10 |
| Red Steer 2-8-5 | Baltimore | 2.00 | 1.84 | 1.57 | 1.37 | .43 | .47 | .20 | 8.00 | 8.30 | 5.00 | 5.30 |
| Red Steer | Ridgely | 2.00 | 2.01 | 1.57 | 1.43 | .43 | .58 | .40 | 8.00 | 8.30 | 5.00 | 5.22 |
| Red Steer 2-8-5 | Baltimore | 2.00 | 1.95 | 1.57 | 1.32 | .43 | .63 | .50 | 8.00 | 8.30 | 5.00 | 5.22 |
| Vigoro | Baltimore | 4.00 | 4.10 | 3.84 | 3.63 | .16 | .47 | .60 | 12.00 | 12.60 | 4.00 | 4.18 |
| Vigoro | Baltimore | 4.00 | 4.04 | 3.84 | 3.61 | .16 | .43 | .10 | 12.00 | 12.80 | 4.00 | 4.40 |
| **Synthetic Nitrogen Products, Corp., New York, N. Y.** | | | | | | | | | | | | |
| Nitrophoska | Reisterstown | 15.00 | 15.03 | ..... | ..... | ..... | ..... | .10 | 30.00 | 30.00 | 15.00 | 15.44 |
| **Tennessee Corp., Lockland, Ohio** | | | | | | | | | | | | |
| Loma | Berwyn | 5.00 | 5.08 | 4.00 | 4.28 | 1.00 | .80 | .40 | 10.00 | 11.50 | 4.00 | 4.00 |

* Total Phosphoric Acid.

| Manufacturer and Brand Name | Place of Sampling | NITROGEN (N) | | | | | | PHOSPHORIC ACID ($P_2O_5$) | | | POTASH ($K_2O$) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Mineral | | Organic | | Insoluble | Available | | | |
| | | Guaranteed | FOUND | Declared | FOUND | Declared | FOUND | FOUND | Guaranteed | FOUND | Guaranteed | FOUND |
| **Thomas & Co., Frederick, Md.** | | | | | | | | | | | | |
| Superphosphate | Gaithersburg | ..... | ..... | ..... | ..... | ..... | ..... | .50 | 16.00 | 17.70 | ..... | ..... |
| Pea Mixture | Gaithersburg | 4.00 | 4.51 | 3.90 | 3.83 | .10 | .68 | .30 | 8.00 | 8.00 | 4.00 | 4.40 |
| Wheat and Grass Grower | Union Bridge | 2.00 | 2.19 | 1.80 | 1.52 | .20 | .67 | .10 | 8.00 | 8.70 | 5.00 | 6.14 |
| **Thomas & Taylor, Baltimore, Md.** | | | | | | | | | | | | |
| Vita-Vim | Baltimore | 6.00 | 5.24 | 3.50 | 2.98 | 2.50 | 2.26 | .90 | 10.00 | 10.30 | 4.00 | 6.34 |
| **Wm. B. Tilghman Co., Salisbury, Md.** | | | | | | | | | | | | |
| Early Truck | Salisbury | 4.00 | 4.09 | 2.80 | 3.17 | 1.20 | .92 | .90 | 8.00 | 8.00 | 5.00 | 5.94 |
| Early Truck | Princess Anne | 4.00 | 4.31 | 2.80 | 2.78 | 1.20 | 1.53 | 1.20 | 8.00 | 8.00 | 5.00 | 6.00 |
| Early Truck | Salisbury | 4.00 | 4.21 | 2.80 | 2.72 | 1.20 | 1.49 | 1.20 | 8.00 | 8.10 | 5.00 | 5.74 |
| Irish P. Guano | Salisbury | 6.00 | 6.04 | 4.20 | 4.04 | 1.80 | 2.00 | .90 | 6.00 | 6.60 | 5.00 | 6.56 |
| Irish P. Guano | Salisbury | 6.00 | 6.09 | 4.20 | 3.79 | 1.80 | 2.30 | .80 | 6.00 | 6.60 | 5.00 | 5.56 |
| Irish P. Guano | Princess Anne | 6.00 | 6.16 | 4.20 | 4.21 | 1.80 | 1.95 | .80 | 6.00 | 6.50 | 5.00 | 5.36 |
| Kainit | Salisbury | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14.00 | 16.60 |
| Melon Mixture | Salisbury | 4.00 | 4.09 | 2.00 | 2.23 | 2.00 | 1.86 | .90 | 8.00 | 8.90 | 7.00 | 8.50 |
| Melon Mixture | Salisbury | 4.00 | 4.09 | 2.00 | 2.33 | 2.00 | 1.76 | .50 | 8.00 | 8.50 | 7.00 | 8.76 |
| Mixture "B" | Salisbury | 3.00 | 3.16 | 2.10 | 2.02 | .90 | 1.14 | .80 | 8.00 | 8.80 | 10.00 | 11.24 |
| Mixture "B" | Salisbury | 3.00 | 3.54 | 2.10 | 2.15 | .90 | 1.39 | .70 | 8.00 | 8.10 | 10.00 | 10.36 |
| "Q" Brand | Salisbury | 2.00 | 1.99 | 1.40 | 1.32 | .60 | .67 | .40 | 10.00 | 8.90 | 6.00 | 6.00 |
| "S. P." | Salisbury | 2.00 | 2.15 | 1.40 | 1.54 | .60 | .61 | .80 | 8.00 | 8.80 | 10.00 | 10.96 |
| Standard | Salisbury | 2.00 | 1.98 | 1.40 | 1.26 | .60 | .72 | .60 | 8.00 | 8.60 | 5.00 | 5.52 |
| Topdresser | Salisbury | 5.00 | 5.00 | 4.50 | 4.08 | .50 | .92 | .70 | 6.00 | 6.80 | 6.00 | 6.56 |
| Topdresser | Salisbury | 5.00 | 5.38 | 4.50 | 4.55 | .50 | .83 | .60 | 6.00 | 6.80 | 6.00 | 6.20 |
| **F. W. Tunnell & Co., Inc. Philadelphia, Pa.** | | | | | | | | | | | | |
| Fish Brand Mixture | Colora | 2.00 | 2.15 | .80 | .81 | 1.20 | 1.34 | .60 | 10.00 | 11.00 | 6.00 | 6.40 |
| Potato and Truck Manure | Colora | 2.00 | 2.37 | 1.00 | 1.29 | 1.00 | 1.08 | .50 | 8.00 | 8.80 | 10.00 | 10.40 |
| **E. S. Valliant & Son, Centreville, Md.** | | | | | | | | | | | | |
| Fish Brand Mixutre | Centreville | 2.00 | 2.12 | 1.60 | 1.87 | .40 | .25 | .90 | 9.00 | 9.20 | 6.00 | 7.16 |
| Keystone | Centreville | 2.00 | 2.26 | 1.60 | 1.80 | .40 | .46 | .80 | 9.00 | 9.20 | 6.00 | 6.96 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **E. S. Valliant & Son, Centreville, Md.** | | | | | | | | | | | | |
| Fish Brand Mixutre | Centreville | 2.00 | **2.12** | 1.60 | **1.87** | .40 | **.25** | **.90** | 9.00 | **9.20** | 6.00 | **7.16** |
| Keystone | Centreville | 2.00 | **2.02** | 1.80 | **1.83** | .20 | **.19** | **.80** | 8.00 | **8.80** | 5.00 | **5.87** |
| **W. H. Valliant & Bro., Bellevue, Md.** | | | | | | | | | | | | |
| Corn Special Fish Lime and Potash | Bellevue | 3.00 | **3.00** | ..... | **.67** | ..... | **2.33** | ..... | ..... | ..... | 5.00 | **5.34** |
| Fish Special | Bellevue | 2.00 | **2.06** | .50 | **.22** | 1.50 | **1.84** | **.70** | 8.00 | **6.80** | 6.00 | **6.10** |
| **Virginia-Carolina Chem. Corp., Baltimore, Md.** | | | | | | | | | | | | |
| V-C Fish Bone & Potash Brand Fert. | Baltimore | 2.00 | **1.91** | 1.50 | **1.35** | .50 | **.56** | **1.30** | 9.00 | **9.20** | 3.00 | **3.40** |
| V-C. Great Truck & Veg. Compound | PocomokeCity | 4.00 | **4.04** | 3.00 | **3.33** | 1.00 | **.71** | **.30** | 8.00 | **8.20** | 5.00 | **5.18** |
| V-C. Tobacco Bed Special | Baltimore | 10.00 | **10.53** | ..... | **9.66** | ..... | **.97** | **.10** | 5.00 | **5.40** | 2.00 | **2.40** |
| V-C. 6% Truck Fertilizer | PocomokeCity | 6.00 | **5.98** | 3.60 | **3.61** | 2.40 | **2.37** | **.60** | 6.00 | **6.60** | 5.00 | **5.22** |
| Bloom Aid, Tablet Form | Baltimore | 10.00 | **10.14** | 10.00 | **10.11** | 0.00 | **.03** | **.20** | 14.00 | **15.10** | 6.00 | **6.40** |
| **Walker-Gordon Farms, Juliustown, N. J.** | | | | | | | | | | | | |
| Driconure | Baltimore | 1.00 | **1.99** | ..... | ..... | ..... | ..... | ..... | *1.00 | ***1.10** | 1.00 | **1.38** |
| **Westminster Fertilizer Co., Westminster, Md.** | | | | | | | | | | | | |
| Superphosphate | Westminster | ..... | ..... | ..... | ..... | ..... | ..... | **.10** | 16.00 | **19.40** | ..... | ..... |
| Leader | Westminster | 1.00 | **1.49** | .50 | **.95** | .50 | **.54** | **.10** | 9.00 | **10.00** | 4.00 | **4.56** |
| Super-A | Westminster | 1.00 | **1.76** | .50 | **1.24** | .50 | **.52** | **.20** | 10.00 | **11.10** | 2.00 | **3.20** |
| 2-8-5 | Westminster | 2.00 | **2.02** | 1.40 | **1.57** | .60 | **.45** | **.10** | 8.00 | **8.40** | 5.00 | **5.76** |
| **A. S. Woolley Co., Inc., Seaford, Del.** | | | | | | | | | | | | |
| †Pride | Federalsburg | 4.00 | **3.98** | 1.25 | **3.07** | 2.75 | **.91** | **.50** | 8.00 | **9.60** | 5.00 | **5.06** |
| †Success | Federalsburg | 2.00 | **2.50** | .75 | **1.73** | 1.25 | **.77** | **.70** | 8.00 | **8.80** | 5.00 | **5.78** |
| **Worcester Fertilizer Co., Inc., Snow Hill, Md.** | | | | | | | | | | | | |
| Superphosphate | Snow Hill | ..... | ..... | ..... | ..... | ..... | ..... | **1.20** | 16.00 | **16.70** | ..... | ..... |
| Correct Plant Food Mixture 4-8-7 | Snow Hill | 4.00 | **3.88** | 2.40 | **2.41** | 1.60 | **1.47** | **1.00** | 8.00 | **8.70** | 7.00 | **7.34** |
| Correct Plant Food Mixture 4-8-5 | Snow Hill | 4.00 | **4.42** | 2.80 | **3.20** | 1.20 | **1.22** | **.60** | 8.00 | **7.90** | 5.00 | **5.78** |
| Correct Plant Food Mixture 1-9-4 | Snow Hill | 1.00 | **1.22** | .80 | **.90** | .20 | **.32** | **2.10** | 9.00 | **8.90** | 4.00 | **4.30** |
| Correct Plant Food Mixture 6-6-5 | Snow Hill | 6.00 | **5.81** | 4.20 | **3.99** | 1.80 | **1.82** | **.90** | 6.00 | **6.70** | 5.00 | **5.98** |
| Correct Plant Food Mixture 6-6-5 | Snow Hill | 6.00 | **5.81** | 4.20 | **4.28** | 1.80 | **1.53** | **.70** | 6.00 | **6.90** | 5.00 | **5.86** |
| Correct Plant Food Mixture 3-8-8 | Snow Hill | 3.00 | **3.16** | 2.10 | **2.30** | .90 | **.86** | **.90** | 8.00 | **8.70** | 8.00 | **8.30** |
| Correct Plant Food Mixture 2-8-10 | Snow Hill | 2.00 | **2.05** | 1.60 | **1.61** | .40 | **.44** | **.80** | 8.00 | **8.30** | 10.00 | **10.40** |
| Correct Plant Food Mixture 2-8-5 | Snow Hill | 2.00 | **2.02** | 1.60 | **1.60** | .40 | **.42** | **1.00** | 8.00 | **8.30** | 5.00 | **5.30** |

* Total Phosphoric Acid. † Mineral and Organic findings do not substantiate manufacture declaration.

## TABLES

The results obtained in the chemical and microscopical examination of feeds are found on pages 32 to 98. Feeds are considered seriously deficient as regards chemical analysis when they are 1 per cent or more deficient in protein, or one-half of 1 per cent deficient in fat.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **Acme-Evans Co., Indianapolis, Ind.** | 32% Dairy Supplement |
| " " " | 32% Daily Supplement |
| " " " | 24% Dairy Feed |
| " " " | Pailfill Dairy |
| " " " | ‡Producer 16% Dairy |
| " " " | ‡18% Egg Mash, with DBM |
| " " " | 20% Egg Mash, with DBM |
| " " " | ‡Hominy Feed |
| " " " | ‡Acme Feed |
| " " " | ‡Flour Middlings, with Screenings |
| " " " | ‡E-Z Scratch |
| " " " | ‡D-Light-U Scratch Feed |
| **Agricultural Corporation of Md., Balto., Md.** | ‡Md. Supplement 32% Dairy Ration |
| " " " | ‡Md. Supplement 32% Dairy Ration |
| " " " | ‡Md. Moremilk 24% Dairy Ration |
| " " " | ‡Md. Productive 24% Dairy Ration |
| " " " | ‡Md. 20% Dairy Ration |
| " " " | ‡Md. Economy 20% Dariy Ration |
| " " " | ‡Md. Moneymaker 20% Diary Ration |
| " " " | Md. Farm Bureau 20% Dairy Feed Closed Formula |
| " " " | ‡Md. 16½% Dairy Ration |
| " " " | ‡Md. Farm Bureau 16% Dairy Feed Closed Formula |
| " " " | ‡Md. Egg Mash No. 1 |
| " " " | ‡Md. Laying Mash No. 3, with Cod Liver Oil |
| " " " | ‡Md. Starting & Growing Mash, with DBM |
| " " " | ‡Md. Starting & Growing Mash, with DBM |
| **Akron-Urbana Mills, Inc. Urbana, Ohio** | ‡*Portage 24% Akron Dairy Ration |
| " " | ‡*Portage Buttermilk Egg Mash |
| " " | ‡Portage Pig & Hog Meal |
| " " | ‡Mixed Grains for Poultry |
| " " | ‡Mixed Grains for Poultry |
| " " | ‡Purity Soft Winter Wheat Bran |
| " " | ‡Ohio Scratch Feed |
| **Albers Bros. Milling Co., San Francisco, Cal.** | Atlas Brand Poultry Greens |
| **Allen & Wheeler Co., Troy, Ohio** | ‡Trojan Standard Spring Middlings |
| **G. A. Allender, Elkton, Md.** | Dandy Meat, Fish & Bone Meal |
| " " " | Dandy 24% Dairy Feed |
| " " " | Dandy 16% Dairy Feed |
| " " " | Dandy Scratch Feed |
| **Allied Mills, Inc., Chicago, Ill.** | Wayne 32% Farm Mix Dairy Feed |
| " " " | Wayne Mash Concentrate |
| " " " | Wayne 26% Mash Supplement |
| " " " | Wayne 24% Dairy Feed |
| " " " | Empire 24% Dairy Ration |
| " " " | *Empire 20% Dairy Ration |

‡ Not Licensed at time of Sale.
* Deficient in Protein or Fat.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Walkersville | 8.08 | 32.00 | **35.23** | 5.00 | **5.12** | 9.00 | **9.48** | 9.37 | 32.72 | As declared on sack |
| Brunswick | 7.00 | 32.00 | **35.72** | 5.00 | **5.80** | 9.00 | **8.06** | 9.19 | 34.23 | " " |
| Walkersville | 9.51 | 24.00 | **27.39** | 4.00 | **4.09** | 12.00 | **9.12** | 9.88 | 40.01 | A. |
| Brunswick | 10.75 | 20.00 | **20.34** | 3.50 | **3.64** | 12.50 | **9.32** | 9.81 | 46.14 | As dec ared on sack |
| Brunswick | 10.24 | 16.00 | **17.53** | 3.00 | **3.49** | 12.00 | **6.55** | 9.84 | 52.35 | " " |
| Walkersville | 9.18 | 18.00 | **17.99** | 4.00 | **4.05** | 8.00 | **4.69** | 7.64 | 56.45 | " " |
| Brunswick | 9.30 | 20.00 | **20.45** | 4.00 | **4.96** | 7.00 | **4.39** | 8.93 | 51.97 | " " |
| Baltimore | 8.15 | 10.00 | **11.58** | 7.00 | **7.33** | 6.00 | **4.27** | 3.10 | 65.57 | B. |
| Walkersville | 8.32 | 16.00 | **15.97** | 4.00 | **4.02** | 9.00 | **8.66** | 6.57 | 56.46 | As declared on sack |
| Walkersville | 9.44 | 15.00 | **15.36** | 4.00 | **3.85** | 6.50 | **5.80** | 4.47 | 61.08 | " " |
| Brunswick | 11.81 | 9.50 | **10.18** | 2.50 | **3.42** | 5.00 | **2.42** | 1.54 | 70.63 | " " |
| Brunswick | 11.63 | 9.50 | **10.27** | 2.50 | **3.06** | 5.00 | **2.74** | 1.64 | 70.66 | " " |
| Frederick | 8.83 | 32.00 | **32.32** | 4.00 | **3.99** | 9.00 | **6.43** | 7.95 | 40.48 | " " |
| Easton | 9.63 | 32.00 | **32.58** | 4.00 | **3.99** | 9.00 | **6.30** | 8.19 | 39.31 | " " |
| Frederick | 8.29 | 24.00 | **25.62** | 4.00 | **4.22** | 9.00 | **7.15** | 8.31 | 46.41 | " " |
| Frederick | 9.39 | 24.00 | **23.41** | 3.75 | **3.78** | 9.00 | **6.74** | 7.41 | 49.27 | " " |
| Woodbine | 10.71 | 20.00 | **20.16** | 3.50 | **3.82** | 12.00 | **9.12** | 8.51 | 47.68 | C. |
| Easton | 10.47 | 20.00 | **21.79** | 3.50 | **3.87** | 9.00 | **7.84** | 7.34 | 48.69 | As declared on sack |
| Frederick | 9.70 | 20.00 | **21.24** | 3.50 | **3.95** | 9.00 | **6.98** | 7.31 | 50.82 | " " |
| Frederick | 8.59 | 20.00 | **21.45** | 4.00 | **4.33** | 12.00 | **9.16** | 9.10 | 47.37 | D. |
| Woodbine | 10.66 | 16.50 | **17.94** | 3.50 | **4.03** | 12.00 | **8.72** | 7.78 | 50.87 | As declared on sack |
| Frederick | 9.07 | 16.00 | **21.65** | 3.50 | **3.93** | 12.00 | **7.58** | 7.93 | 49.84 | E. |
| Frederick | 8.80 | 20.00 | **20.36** | 4.00 | **5.43** | 7.50 | **5.99** | 8.08 | 51.34 | F. |
| Street | 9.46 | 18.50 | **19.04** | 4.00 | **4.97** | 8.00 | **6.75** | 9.50 | 50.28 | G. |
| Street | 9.42 | 17.00 | **17.81** | 4.00 | **4.88** | 6.50 | **5.85** | 6.90 | 55.14 | A. |
| Frederick | 8.31 | 17.00 | **18.08** | 4.00 | **6.81** | 6.50 | **6.89** | 6.06 | 53.85 | A. |
| Oakland | 8.03 | 24.00 | **22.90** | 3.50 | **5.09** | 12.00 | **9.07** | 8.89 | 46.02 | As declared on sack |
| Oakland | 10.75 | 20.00 | **18.60** | 4.00 | **4.79** | 6.00 | **5.43** | 9.75 | 50.68 | " " |
| Oakland | 10.59 | 18.00 | **20.23** | 3.50 | **3.95** | 8.00 | **5.28** | 9.06 | 50.89 | B. |
| Frostburg | 12.03 | 9.00 | **10.00** | 2.50 | **2.55** | 5.00 | **2.28** | 1.33 | 71.81 | As declared on sack |
| Oakland | 11.90 | 9.00 | **9.83** | 2.50 | **2.86** | 5.00 | **2.28** | 1.67 | 71.46 | C. |
| Grantsville | 9.54 | 14.50 | **14.92** | 3.50 | **3.55** | 10.00 | **10.02** | 6.50 | 55.47 | As declared on sack |
| Oakland | 11.27 | 9.00 | **9.83** | 2.50 | **2.86** | 5.00 | **2.36** | 1.43 | 72.25 | As declared on sack |
| Cambridge | 9.67 | 20.00 | **20.01** | 2.00 | **2.95** | 18.00 | **19.27** | 9.76 | 38.34 | " " |
| Sykesville | 11.57 | 14.50 | **17.90** | 4.00 | **4.87** | 9.50 | **6.69** | 6.12 | 52.85 | D. |
| Elkton | 7.13 | 50.00 | **59.32** | 6.00 | **6.72** | 3.00 | **.83** | 22.19 | 3.81 | As declared on sack |
| Elkton | 8.19 | 24.00 | **23.69** | 4.50 | **6.77** | 9.50 | **8.30** | 6.64 | 64.41 | " " |
| Elkton | 7.91 | 16.00 | **17.46** | 3.00 | **3.82** | 14.00 | **11.24** | 6.85 | 52.72 | " " |
| Elkton | 10.87 | 9.00 | **10.00** | 2.50 | **3.78** | 5.00 | **2.51** | 1.91 | 70.93 | " " |
| Hampstead | 9.58 | 32.00 | **31.81** | 4.00 | **4.12** | 9.00 | **8.40** | 9.54 | 36.55 | As declared on sack |
| Maugansville | 7.64 | 32.00 | **35.10** | 4.00 | **3.81** | 8.00 | **6.58** | 8.13 | 38.74 | " " |
| Easton | 7.82 | 26.00 | **26.15** | 4.00 | **4.64** | 8.00 | **7.18** | 14.12 | 40.09 | " " |
| Cumberland | 10.16 | 24.00 | **24.68** | 3.50 | **3.52** | 9.00 | **7.58** | 8.85 | 45.21 | " " |
| Cumberland | 9.58 | 24.00 | **25.15** | 3.00 | **2.97** | 9.00 | **6.46** | 7.96 | 47.88 | As declared on sack |
| Cumberland | 10.00 | 20.00 | **21.00** | 3.00 | **2.36** | 12.00 | **10.16** | 8.67 | 47.81 | " " |

A—Ingredients and Fat and Fibre guarantee on sack differ from license.
B—Protein guarantee on sack differs from license. C—Also detected Linseed Oil Meal.
D—Also detected Dried Grains and Linseed Oil Meal. E—Also detected Ground Corn or Corn Feed Meal.
F—Unable to identify an appreciable amount of Wheat Bran.
G—Unable to detect appreciable amount of Wheat Standard Bran.

A—Unable to detect appreciable amount of Pure Wheat Bran.
B—Ingredients on sack differ fron license. C—Also detected Kaffir Corn.
D—Protein guarantee on tag differs from license. Also detected 3% Screenings and /or Scourings.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **Allied Mills, Inc., Chicago, Ill.** (Cont.) | Wayne Ideal 16% Dairy Feed |
| " " " | Red Feather Egg Mash |
| " " " | Red Feather Egg Mash |
| " " " | Wayne Egg Mash |
| " " " | Wayne Egg Mash, with Cod Liver Oil & Sardine Oil |
| " " " | Wayne All Mash Grower |
| " " " | Wayne Poultry Fattener |
| " " " | ‡Wayne Hog Supplement |
| " " " | Wayne Fig Meal |
| " " " | Wayne Calf Meal |
| " " " | Wayne Starter & Grower, with Cod Liver Oil & Sardine Oil |
| " " " | Wayne All Mash Chick Starter, with Cod Liver Oil & Sardine Oil |
| " " " | Wayne All Mash Chick Starter |
| " " " | Red Feather Scratch Feed |
| " " " | Wayne Rabbit Feed |
| **American Maize-Products Co., New York, N.Y.** | Cream of Corn Gluten Feed |
| **American Medicinal Spirits, Corp., Balto., Md** | Distillers Dried Grains |
| " " " | Distillers Dried Grains |
| **Anderson Grain & Feed Co., York, Pa.** | 24 Dairy Feed |
| " " " | 16 Dairy Feed |
| " " " | ‡16 Dairy Feed |
| " " " | Laying Mash, with DBM. & Cod Liver Oil |
| " " " | Mineraltone Laying Mash, with DBM |
| " " " | Manamar Poultry Mash |
| " " " | ‡J. T. 85% Horse Feed |
| " " " | ‡16 Hog Meal |
| " " " | ‡Developing Feed |
| " " " | All Mash Starter & Grower, with Cod Liver Oil |
| " " " | Chick Feed |
| " " " | White Rose Scratch Feed |
| **Anheuser-Busch, Inc., St. Louis, Mo.** | ‡Corn Gluten Feed |
| **Arcady Farms Milling Co., Chicago, Ill.** | 32% Dairy Feed |
| " " " | *Wonder Dairy Ration |
| " " " | Peerless Milk Ration |
| " " " | ‡Old Colony Feed |
| " " " | Sweet 16 Dairy Feed |
| " " " | Besbet Laying Mash |
| " " " | ‡Besbet Growing Mash |
| " " " | ‡Wonder Fattening Mash |
| " " " | Wonderfat Station Feed |
| " " " | ‡Wonder Complete Broiler Ration |
| " " " | Besbet Starting Mash |
| " " " | ‡Horse & Mule Feed |
| " " " | ‡Wonder Horse & Mule Feed |

‡ Not Licensed at time of Sale.
* Deficient in Protein or Fat.

| SAMPLED FROM | Moisture | PROTEIN Guaranteed | PROTEIN FOUND | FAT Guaranteed | FAT FOUND | FIBRE Guaranteed | FIBRE FOUND | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Oakland | 10.33 | 16.00 | 19.89 | 3.00 | 4.01 | 12.00 | 7.60 | 7.29 | 50.88 | As declared on sack |
| Easton | 8.77 | 18.00 | 17.99 | 3.50 | 4.90 | 8.00 | 5.60 | 8.02 | 54.72 | " " |
| Motters | 10.02 | 18.00 | 18.52 | 3.50 | 4.78 | 8.00 | 5.76 | 8.90 | 52.02 | " " |
| Maugansville | 9.60 | 18.00 | 18.69 | 3.50 | 4.88 | 7.00 | 5.86 | 10.20 | 50.77 | " " |
| Maugansville | 9.33 | 18.00 | 18.60 | 3.50 | 5.22 | 7.00 | 5.61 | 9.24 | 52.00 | " " |
| Cumberland | 9.21 | 16.00 | 17.72 | 4.00 | 4.81 | 6.00 | 4.90 | 9.15 | 54.21 | " " |
| Oakland | 7.94 | 13.50 | 13.09 | 4.00 | 5.37 | 7.00 | 6.92 | 3.73 | 62.95 | " " |
| Maugansville | 8.27 | 40.00 | 41.92 | 4.50 | 5.97 | 8.00 | 6.02 | 13.41 | 24.41 | " " |
| Cumberland | 10.56 | 18.00 | 19.07 | 3.50 | 4.88 | 7.00 | 4.18 | 7.39 | 53.92 | " " |
| Motters | 9.04 | 24.00 | 24.06 | 4.00 | 4.24 | 7.00 | 5.88 | 8.31 | 48.47 | " " |
| Woodsboro | 9.34 | 16.00 | 18.78 | 3.50 | 5.72 | 6.00 | 6.31 | 9.08 | 50.77 | " " |
| Cumberland | 8.94 | 17.00 | 18.95 | 4.00 | 5.46 | 6.00 | 5.47 | 7.90 | 53.28 | " " |
| Lineboro | 8.27 | 17.00 | 18.60 | 4.00 | 5.01 | 6.00 | 5.48 | 9.18 | 53.46 | " " |
| Baltimore | 12.38 | 9.00 | 10.71 | 2.50 | 2.38 | 4.00 | 1.91 | 1.14 | 71.48 | " " |
| Cumberland | 8.70 | 13.00 | 16.32 | 3.00 | 4.00 | 11.00 | 8.50 | 5.86 | 56.62 | " " |
| Dickerson | 9.82 | 23.00 | 28.26 | 2.00 | 3.19 | 8.50 | 7.37 | 5.34 | 46.02 | " " |
| Bel Air | 3.90 | 17.00 | 18.69 | 7.00 | 7.42 | 19.00 | 15.35 | 2.27 | 52.37 | B. |
| Baltimore | 5.49 | 17.00 | 17.29 | 7.00 | 7.23 | 19.00 | 15.74 | 2.24 | 52.01 | B. |
| Berlin | 10.24 | 24.00 | 23.71 | 4.00 | 5.66 | 12.00 | 9.43 | 6.96 | 44.00 | As declared on sack |
| Berlin | 11.38 | 16.00 | 16.90 | 3.50 | 4.92 | 12.00 | 11.43 | 7.29 | 48.08 | " " |
| Pikesville | 12.46 | 16.00 | 17.79 | 3.50 | 4.31 | 12.00 | 11.90 | 7.50 | 46.14 | " " |
| Hagerstown | 10.68 | 20.00 | 21.15 | 4.00 | 5.12 | 8.00 | 6.52 | 8.33 | 48.20 | " " |
| Mt. Airy | 8.38 | 20.00 | 21.94 | 4.00 | 5.25 | 8.00 | 7.00 | 10.12 | 47.31 | " " |
| Mt. Airy | 10.01 | 16.00 | 17.11 | 4.00 | 5.71 | 6.00 | 5.33 | 7.00 | 54.84 | " " |
| Pikesville | 12.82 | 8.00 | 10.02 | 2.50 | 4.05 | 12.00 | 7.23 | 3.76 | 62.12 | " " |
| Hagerstown | 10.98 | 16.00 | 16.74 | 4.00 | 5.90 | 10.00 | 6.45 | 6.31 | 53.62 | " " |
| Glyndon | 10.58 | 9.00 | 10.71 | 2.50 | 3.53 | 5.00 | 2.34 | 1.55 | 71.29 | " " |
| Hagerstown | 10.56 | 16.00 | 17.11 | 4.00 | 4.60 | 6.50 | 5.26 | 7.67 | 54.80 | " " |
| Hagerstown | 12.21 | 9.00 | 11.67 | 2.00 | 3.31 | 5.00 | 1.73 | 2.48 | 68.60 | " " |
| Glyndon | 11.60 | 9.00 | 10.08 | 2.50 | 2.93 | 5.00 | 2.06 | 1.14 | 72.19 | " " |
| Wash. Grove | 7.06 | 25.00 | 26.94 | 2.00 | 1.95 | 8.50 | 6.77 | 5.36 | 51.92 | " " |
| Mt. Airy | 8.15 | 32.00 | 32.04 | 4.00 | 3.64 | 9.00 | 7.79 | 6.88 | 41.50 | " " |
| Mt. Airy | 10.48 | 24.00 | 24.16 | 3.50 | 2.84 | 10.00 | 8.15 | 8.42 | 45.95 | " " |
| Clinton | 11.20 | 20.00 | 21.15 | 3.50 | 3.06 | 12.00 | 8.28 | 7.88 | 48.43 | " " |
| Manchester | 9.49 | 20.00 | 20.71 | 3.50 | 3.45 | 11.00 | 9.55 | 8.33 | 48.47 | " " |
| Mt. Airy | 10.33 | 16.00 | 17.65 | 3.50 | 3.74 | 12.50 | 9.46 | 9.48 | 49.43 | " " |
| Hagerstown | 9.32 | 20.00 | 20.01 | 4.00 | 4.71 | 7.00 | 6.10 | 12.89 | 46.97 | " " |
| Mt. Airy | 9.59 | 16.00 | 16.41 | 4.00 | 4.75 | 7.50 | 7.01 | 11.04 | 51.20 | " " |
| Baltimore | 8.87 | 12.50 | 13.51 | 4.00 | 5.28 | 7.00 | 5.59 | 3.06 | 63.69 | " " |
| Baltimore | 9.83 | 12.50 | 13.51 | 4.50 | 4.90 | 6.00 | 5.59 | 4.60 | 61.57 | " " |
| Mt. Airy | 9.80 | 17.00 | 18.43 | 4.00 | 5.55 | 5.00 | 3.40 | 9.12 | 53.70 | A. |
| Mt. Airy | 9.75 | 13.00 | 17.38 | 3.50 | 4.86 | 6.00 | 5.34 | 9.57 | 53.10 | As declared on sack |
| Baltimore | 9.59 | 9.00 | 10.19 | 2.00 | 3.42 | 12.00 | 11.52 | 4.14 | 61.14 | " " |
| Clinton | 11.58 | 9.00 | 10.34 | 3.00 | 4.02 | 10.00 | 6.36 | 2.87 | 64.83 | As declared on sack |

A—Protein guarantee on sack differs from license.
B—Fat guarantee on sack differs from license.
A—Alfalfa Meal appears to have been used and not Alfalfa Leaf Meal.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Arcady Farms Milling Co., Chicago, Ill.** (Continued) | ‡*Wonder Hog Feed |
| " " " | ‡Wonder Calf Meal |
| " " " | ‡All Mash Chick Starter & Grower |
| " " " | ‡Developing Grains |
| " " " | ‡Sunkist Chick Grains |
| " " " | ‡Scratch Grains |
| " " " | ‡Wonder Scratch Grains |
| " " " | ‡Wonder Pigeon Feed |
| " " " | ‡Wonder Rabbit Feed |
| **Archer-Daniels-Midland Co., Minneapolis, Minn.** | ‡Pure Old Process Linseed Meal |
| | Ardanco Flaxseed Screenings |
| **Ashcraft-Wilkinson Co., Atlanta, Ga.** | Monarch Brand Prime Cottonseed Meal |
| " " " | Helmet Brand Prime Cottonseed Meal |
| " " " | Helmet Brand Prime Cottonseed Meal |
| " " " | Helmet Brand Prime Cottonseed Meal |
| " " " | Helmet Brand Prime Cottonseed Meal |
| " " " | Helmet Brand Prime Cottonseed Meal |
| " " " | Helmet Brand Prime Cottonseed Meal |
| " " " | Helmet Brand Prime Cottonseed Meal |
| " " " | Helmet Brand Prime Cottonseed Meal |
| **Athey & Harrison, Laurel, Md.** | ‡Laurel Brand Scratch Feed |
| **Atlantic Trading Corp., Inc., Somerville, N. J.** | Excel 55% Meat & Bone Scraps |
| **E. I. Bailey, Cleveland, Ohio** | *Gold Quality Prime 43% Cotton Seed Meal |
| **Baltimore Feed & Grain Co., Baltimore, Md.** | BBL. Fish Meal |
| " " " | BBL. 24% Dairy Feed |
| " " " | BBL. 20% Dairy Feed |
| " " " | BBL. 16½% Dairy Feed |
| " " " | BBL. Improved Laying Mash, with DBM. & Mineral Supplement |
| " " " | BBL. All Mash Laying Ration, with DBM. & Minerals |
| " " " | BBL. Egg Mash |
| " " " | BBL. Cod Mlk-O-Gro, with DBM., Cod Liver Oil & Mineral Supplement |
| " " " | BBL. Mid-Day Ration |
| " " " | BBL. Broiler Mash |
| " " " | BBL. Cod Mlk-O-Lay Breeding Mash, with DBM., Cod Liver Oil & Mineral Supplement |
| " " " | BBL. All Mash Starting & Growing Mash, with DBM., Cod Liver Oil & Minerals |
| " " " | ‡BBL. 85% Horse Feed |
| " " " | BBL. Cod Mlk-O-Chick Starter, with DBM. Cod Liver Oil & Mineral Supplement |
| " " " | BBL. Chick Developer |
| " " " | BBL. Baby Chick Feed |
| " " " | BBL. All Mash Chick Starter, with DBM., Cod Liver Oil & Minerals |

* Deficient in Protein or Fat.
‡ Not Licensed at time of sale

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Mt. Airy | 11.90 | 18.00 | 17.99 | 4.50 | 3.71 | 7.00 | 6.79 | 12.15 | 47.46 | A. |
| Mt. Airy | 9.47 | 25.00 | 24.75 | 5.00 | 5.09 | 7.00 | 5.46 | 5.85 | 49.38 | As declared on sack |
| Mt. Airy | 9.35 | 17.00 | 17.90 | 5.00 | 5.27 | 5.00 | 5.26 | 9.10 | 53.12 | B. |
| Mt. Airy | 12.09 | 10.00 | 10.18 | 2.50 | 2.33 | 5.00 | 2.20 | 1.52 | 71.68 | C. |
| Mt. Airy | 11.78 | 10.00 | 10.62 | 2.50 | 3.43 | 5.00 | 1.87 | 1.47 | 70.83 | As declared on sack |
| Mt. Airy | 11.06 | 10.00 | 10.00 | 2.50 | 3.32 | 5.00 | 1.97 | 1.52 | 72.13 | " " |
| Clinton | 12.05 | 10.00 | 10.71 | 2.50 | 4.08 | 5.00 | 2.68 | 1.82 | 68.66 | D. |
| Salisbury | 11.02 | 10.00 | 13.51 | 2.50 | 2.37 | 6.50 | 3.33 | 2.02 | 67.75 | As declared on sack |
| Mt. Airy | 11.15 | 12.00 | 12.32 | 3.50 | 3.39 | 8.00 | 6.34 | 6.79 | 60.01 | " " |
| Frederick | 9.17 | 37.00 | 38.44 | 4.50 | 4.62 | 9.00 | 7.63 | 6.00 | 34.14 | " " |
| Westminster | 7.97 | 15.00 | 16.41 | 8.00 | 8.98 | 12.00 | 10.73 | 6.61 | 49.30 | " " |
| Wash. Grove | 6.04 | 43.00 | 45.02 | 6.00 | 6.49 | 10.00 | 10.38 | 5.79 | 26.28 | " " |
| Baltimore | 6.10 | 41.00 | 41.94 | 5.50 | 5.97 | 10.00 | 9.40 | 7.12 | 29.47 | " " |
| Keymar | 7.88 | 41.00 | 40.02 | 5.50 | 5.80 | 10.00 | 11.20 | 7.00 | 28.10 | " " |
| Westminster | 6.52 | 41.00 | 43.18 | 5.50 | 7.07 | 10.00 | 8.62 | 7.81 | 26.80 | " " |
| Baltimore | 7.49 | 41.00 | 41.42 | 5.50 | 6.32 | 10.00 | 11.53 | 6.02 | 27.22 | " " |
| Ellicott City | 6.46 | 41.00 | 42.21 | 5.50 | 5.97 | 10.00 | 9.37 | 7.52 | 28.47 | " " |
| Cardiff | 5.96 | 41.00 | 40.54 | 5.50 | 6.25 | 10.00 | 11.88 | 7.01 | 28.36 | " " |
| Baltimore | 6.28 | 41.00 | 41.77 | 5.50 | 5.91 | 10.00 | 10.16 | 7.10 | 28.78 | " " |
| Baltimore | 5.88 | 41.00 | 41.24 | 5.50 | 6.06 | 10.00 | 11.50 | 6.44 | 28.88 | " " |
| Laurel | 11.85 | 9.50 | 10.18 | 2.50 | 3.00 | 5.00 | 2.32 | 2.89 | 69.76 | E. |
| Cambridge | 5.30 | 55.00 | 54.23 | 8.00 | 9.20 | 5.00 | 3.22 | 27.22 | .83 | As declared on sack |
| Sykesville | 5.50 | 43.00 | 39.04 | 6.00 | 6.06 | 10.00 | 12.25 | 6.67 | 30.48 | As declared on sack |
| Baltimore | 8.66 | 55.00 | 60.64 | 6.00 | 7.01 | 2.00 | .40 | 20.14 | 3.15 | " " |
| Baltimore | 9.56 | 24.00 | 24.86 | 5.00 | 4.68 | 8.00 | 7.75 | 7.09 | 46.06 | " " |
| Baltimore | 9.72 | 20.00 | 22.85 | 5.00 | 4.91 | 12.00 | 7.29 | 8.71 | 46.52 | " " |
| Baltimore | 11.27 | 16.50 | 21.63 | 3.00 | 3.93 | 13.00 | 7.33 | 9.65 | 46.19 | " " |
| Baltimore | 9.91 | 20.00 | 20.27 | 4.00 | 4.85 | 6.50 | 6.38 | 8.95 | 49.64 | " " |
| Baltimore | 10.74 | 15.00 | 16.41 | 4.00 | 4.27 | 4.50 | 5.47 | 6.14 | 56.97 | " " |
| Baltimore | 10.05 | 20.00 | 21.32 | 4.50 | 4.70 | 7.00 | 8.64 | 7.58 | 47.71 | " " |
| Baltimore | 9.43 | 18.00 | 19.48 | 4.50 | 5.63 | 6.50 | 5.12 | 7.00 | 53.34 | " " |
| Baltimore | 9.94 | 13.00 | 12.64 | 4.00 | 4.34 | 2.50 | 3.23 | 2.90 | 66.95 | " " |
| Baltimore | 9.20 | 17.00 | 18.95 | 4.50 | 5.38 | 5.50 | 6.20 | 8.37 | 51.90 | " " |
| Baltimore | 9.81 | 20.00 | 20.27 | 4.00 | 5.63 | 6.50 | 5.23 | 8.59 | 50.47 | " " |
| Baltimore | 7.47 | 14.00 | 16.94 | 3.50 | 4.75 | 3.50 | 3.67 | 6.24 | 60.93 | A. |
| Baltimore | 10.07 | 9.00 | 10.62 | 3.50 | 3.68 | 9.00 | 5.67 | 3.02 | 66.94 | As declared on sack |
| Baltimore | 10.07 | 16.00 | 16.85 | 4.50 | 5.53 | 5.00 | 4.44 | 8.14 | 54.97 | " " |
| Baltimore | 11.38 | 10.00 | 11.23 | 3.00 | 3.28 | 3.00 | 2.48 | 2.17 | 69.46 | " " |
| Baltimore | 12.29 | 10.00 | 10.62 | 3.00 | 2.60 | 3.00 | 1.71 | 1.28 | 71.50 | " " |
| Baltimore | 11.50 | 14.00 | 15.45 | 4.00 | 4.67 | 3.00 | 2.84 | 6.11 | 59.43 | " " |

A—Also detected Screenings.
B—Alfalfa Meal appears to have been used and not Alfalfa Leaf Meal.
C—Unable to detect Oat Groats.
D—Unable to detect Sunflower Seed.
E—Unable to detect Milo Maize and Barley.
A—Also detected Corn Gluten.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Baltimore Feed & Grain Co., Baltimore, Md.** (Continued) | Victory Scratch Feed |
| " " " | BBL. Recleaned Scratch Feed |
| " " " | BBL. Breeding Pigeon Feed |
| " " " | BBL. Special Breeding Pigeon Feed |
| | BBL. Breeding Pigeon Feed, without Corn |
| **Baugh & Sons Co., Baltimore, Md.** | Duplex Egg Producer Pure Meat Scrap |
| " " " | Oldest Brand Meat & Bone Scrap |
| " " " | Oldest Brand Meat & Bone Scrap |
| " " " | Oldest Brand Meat & Bone Scrap |
| " " " | Oldest Brand Meat & Bone Scrap |
| " " " | Oldest Brand Meat & Bone Scrap |
| " " " | Sterilized Steamed Bone for Feeding |
| " " " | 58% Fish Meal |
| " " " | 58% Fish Meal |
| " " " | 58% Fish Meal |
| | ‡No. 2 Laying Mash |
| **J. L. Beauchamp, Delmar, Del.** | ‡Delmar Laying Mash |
| " " | ‡J. B. All Mash Grower, with BM. & Cod Liver Oil |
| **G. T. Bell & Son, Federalsburg, Md.** | Pure Wheat Bran |
| " " | *Pure Wheat Middlings |
| **J. P. Bennett & Sons, Mardela Springs, Md.** | Best Laying Mash |
| " " " " | Best Hog Feed |
| " " " " | Best Chick Starter |
| " " " " | Best Chick Grains |
| | Best Scratch Feed |
| **Berlin Feed Store, Berlin, Md.** | B-F-S. Laying Mash |
| " " | B-F-S. Starting & Growing Mash |
| **Berlin Milling Co., Berlin, Md.** | Economy Laying Mash |
| " " | Economy Growing Mash |
| " " | Economy Starter & Broiler Mash |
| **Berlin Milling Co., Salisbury, Md.** | Wheat Bran, with Mill Run Screenings |
| " " | *Pure Wheat Flour Middlings |
| " " | Pure Corn Meal |
| **Geo. W. Biles Co., Inc., Providence, Md.** | Cecil County High Protein Dairy Feed |
| " " " | Cecil County Dairy Feed |
| " " " | Cecil County Laying Mash |
| " " " | Cecil County Chick Starter |
| **Bisbee Linseed Co., Philadelphia, Pa.** | *Pure Old Process Linseed Meal |
| " " | Pure Old Process Linseed Meal |
| **W. H. Blakeslee, Wye Mills, Md.** | Pure Wheat Bran |
| " " " | *Pure Wheat Middlings |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN Guaranteed | PROTEIN FOUND | FAT Guaranteed | FAT FOUND | FIBRE Guaranteed | FIBRE FOUND | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Baltimore | 11.80 | 10.00 | 10.53 | 3.00 | 2.78 | 3.00 | 2.47 | 1.28 | 71.14 | As declared on sack |
| Baltimore | 11.41 | 10.00 | 10.88 | 3.00 | 3.07 | 3.00 | 2.80 | 1.39 | 70.45 | " " |
| Reisterstown | 10.57 | 14.00 | 15.11 | 3.00 | 2.71 | 4.00 | 3.65 | 2.48 | 65.48 | " " |
| Baltimore | 11.83 | 14.00 | 13.97 | 3.00 | 3.52 | 4.00 | 3.46 | 1.63 | 65.59 | " " |
| Baltimore | 11.58 | 14.00 | 14.74 | 3.00 | 2.83 | 4.00 | 3.59 | 1.62 | 65.64 | " " |
| Denton | 4.59 | 55.00 | 57.39 | 6.00 | 8.87 | 3.00 | 1.92 | 23.84 | 3.39 | " " |
| Chestertown | 6.73 | 50.00 | 50.46 | 6.00 | 11.87 | 3.00 | 2.98 | 21.32 | 6.64 | " " |
| Baltimore | 7.74 | 50.00 | 49.93 | 6.00 | 11.38 | 3.00 | 2.25 | 25.76 | 2.94 | " " |
| Derwood | 5.70 | 50.00 | 50.37 | 6.00 | 10.39 | 3.00 | 1.37 | 28.60 | 3.57 | " " |
| Denton | 5.17 | 50.00 | 50.55 | 6.00 | 10.62 | 3.00 | 2.35 | 30.55 | .76 | " " |
| Derwood | 6.48 | 50.00 | 51.25 | 6.00 | 10.27 | 3.00 | 1.40 | 30.26 | .34 | " " |
| Keymar | 3.27 | 5.00 | 6.05 | 1.00 | .95 | 4.00 | 1.55 | 86.96 | 1.22 | A. |
| Chestertown | 7.18 | 58.00 | 59.50 | 5.00 | 7.33 | 3.00 | .76 | 19.47 | 5.76 | " " |
| Westminster | 7.20 | 58.00 | 58.27 | 5.00 | 9.16 | 3.00 | .68 | 19.94 | 4.75 | " " |
| Denton | 6.96 | 58.00 | 58.62 | 5.00 | 8.59 | 3.00 | .97 | 19.84 | 5.02 | " " |
| Salisbury | 8.90 | 20.00 | 20.80 | 4.00 | 6.08 | 6.00 | 6.65 | 8.26 | 49.31 | " " |
| Salisbury | 7.39 | 20.00 | 19.04 | 4.00 | 5.38 | 8.00 | 5.80 | 8.17 | 54.22 | " " |
| Salisbury | 8.27 | 17.00 | 17.02 | 4.50 | 5.11 | 7.00 | 5.05 | 7.86 | 56.69 | " " |
| Federalsburg | 9.85 | 14.50 | 14.30 | 4.00 | 4.15 | 9.00 | 4.39 | 6.92 | 60.39 | " " |
| Federalsburg | 10.30 | 15.00 | 14.48 | 4.00 | 3.46 | 5.00 | 2.85 | 2.77 | 66.14 | " " |
| Mardela Spr'gs | 9.13 | 20.00 | 20.45 | 4.00 | 5.41 | 9.00 | 6.46 | 10.78 | 47.77 | As declared on sack |
| Mardela Spr'gs | 9.62 | 16.00 | 17.55 | 4.00 | 4.02 | 10.00 | 5.43 | 9.25 | 54.13 | A. |
| Mardela Spr'gs | 9.59 | 15.00 | 16.23 | 4.00 | 4.33 | 7.00 | 3.88 | 6.84 | 59.13 | As declared on sack |
| Mardela Spr'gs | 11.06 | 8.00 | 10.97 | 2.00 | 2.95 | 5.00 | 1.67 | 1.47 | 71.89 | " " |
| Mardela Spr'gs | 12.04 | 10.00 | 10.18 | 3.00 | 2.98 | 4.00 | 3.58 | 1.74 | 69.48 | B. |
| Berlin | 8.78 | 20.00 | 20.88 | 4.00 | 4.93 | 6.00 | 4.61 | 11.60 | 49.20 | As declared on sack |
| Berlin | 9.66 | 17.00 | 17.81 | 4.00 | 5.01 | 6.00 | 4.40 | 7.85 | 55.27 | " " |
| Berlin | 8.60 | 19.00 | 19.74 | 5.00 | 5.45 | 6.50 | 6.49 | 9.70 | 50.02 | " " |
| Berlin | 9.48 | 15.00 | 16.50 | 4.50 | 4.72 | 5.00 | 5.71 | 7.13 | 56.46 | A. |
| Berlin | 8.68 | 18.00 | 17.99 | 4.50 | 5.04 | 4.50 | 4.06 | 7.07 | 57.16 | As declared on sack |
| Salisbury | 8.52 | 15.00 | 14.09 | 3.00 | 3.86 | 10.00 | 10.77 | 6.98 | 55.78 | " " |
| Salisbury | 11.15 | 14.50 | 14.22 | 4.00 | 3.49 | 5.00 | 1.78 | 2.58 | 66.78 | " " |
| Salisbury | 11.50 | 9.00 | 8.51 | 3.50 | 4.09 | 2.00 | 2.00 | 1.65 | 72.25 | " " |
| Providence | 8.82 | 32.00 | 33.17 | 5.00 | 4.77 | 9.00 | 5.30 | 10.21 | 37.73 | C. |
| Providence | 9.19 | 24.00 | 24.66 | 4.00 | 4.22 | 9.00 | 7.59 | 6.92 | 47.42 | D. |
| Providence | 9.00 | 20.00 | 22.73 | 4.00 | 4.81 | 8.00 | 6.00 | 9.67 | 47.79 | As declared on sack |
| Providence | 9.22 | 14.00 | 18.08 | 4.00 | 5.54 | 4.00 | 2.58 | 6.09 | 58.49 | E. |
| Rising Sun | 7.19 | 34.00 | 32.99 | 5.00 | 6.46 | 10.00 | 9.12 | 6.86 | 37.38 | As declared on sack |
| Baltimore | 9.41 | 34.00 | 34.22 | 5.00 | 6.10 | 10.00 | 7.80 | 7.71 | 34.75 | " " |
| Wye Mills | 9.25 | 14.00 | 15.09 | 3.50 | 4.11 | 10.00 | 7.92 | 5.63 | 58.00 | As declared on sack |
| Wye Mills | 10.94 | 14.00 | 13.60 | 4.00 | 3.22 | 5.00 | 4.14 | 2.81 | 65.29 | " " |

A—Fat guarantee on sack differs from licnese.

A—Ingredients on sack differ from license.
B—Ingredients on sack differ from licnese. Protein and Fat guarantee on sack differ from licnese.
C—Unable to detect Brewers Grains.
D—Ingredients on sack differ from licnese. Also detect Ground Barley.
E—Fibre guarantee on sack differs from licnese.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Blamberg Bros., Inc., Baltimore, Md.** | ‡Cornell Brand No. 2 Pigeon Feed |
| " " | Cornell Brand No. 4 Pigeon Feed |
| **Blank & Gottshall, Co., Inc., Sunbury, Pa.** | Laying Mash, with BM |
| " " " | Growing Mash, with BM |
| " " " | ‡Baby Chick Mash, with 10% BM |
| " " " | Chick Food Invigorator |
| " " " | Developing Food |
| " " " | ‡Banner Scratch Feed |
| **Blanton Milling Co., Indianapolis, Ind.** | ‡Perfect Mash |
| **Blatz Brewing Co., Milwaukee, Wis.** | Brewers Dried Grains |
| **Bowman Bros., Gaithersburg, Md.** | Gilt Edge 26% Dairy Feed |
| " " | Pure Wheat Bran |
| " " | Wheat Middlings, with M. R. S. |
| " " | Gilt Edge Scratch Feed |
| " " | Gilt Edge Scratch Feed |
| **Broadwater Bros., Grantsville, Md.** | Laying Mash |
| **F. W. Brode , Corp., Memphis, Tenn.** | Owl Brand 41% Prime Cotton Seed Meal |
| **P. M. Brooks, Chestertown, Md.** | 20% Rose Bud Dairy Feed |
| " " | Rose Bud Poultry Grains |
| " " | Pure Wheat Bran |
| " " | Pure Wheat Middlings |
| " " | Rose Bud Starter & Grower |
| " " | Rose Bud Turkey Poult Mash |
| **Herbert Bryant's Son, Alexandria, Va.** | ‡†Meat Scrap for Poultry |
| " " | ‡Home 32% Dairy Feed |
| " " | ‡Home 26% Dairy Feed |
| " " | ‡Home 20% Dairy Feed |
| " " | ‡Home Laying Mash |
| " " | Home Growing Mash |
| " " | Home Chick Starter |
| " " | ‡Home All Mash Turkey Starter |
| **Buckeye Cotton Oil Co., Cincinnati, Ohio** | *Prime Cottonseed Meal |
| " " " | *Prime Cottonseed Meal |
| " " " | *Prime Cottonseed Meal |
| **C. W. Burckhalter, Inc., New York, N. Y.** | ‡Burck Brand Powdered Skim Milk |
| **Cairo Meal & Cake Co., Cairo, Ill.** | ‡"MissCairo"Brand43%ProteinCottons'dMeal |
| " " " | "Miss Cairo" Brand Cottonseed Meal |
| " " " | "Miss Cairo" Brand Cottonseed Meal |
| " " " | *"Miss Cairo" Brand Cottonseed Meal |
| **Calvery Roller Mills, Bel Air, Md.** | Pure Grain Dairy Ration |
| " " | Pure Wheat Bran |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Reisterstown | 10.06 | 14.00 | 15.53 | 3.00 | 3.04 | 4.00 | 3.83 | 2.03 | 65.51 | " " |
| Baltimore | 10.43 | 13.50 | 14.30 | 2.60 | 3.77 | 4.30 | 3.80 | 2.35 | 65.35 | " " |
| Frederick | 7.61 | 18.00 | 19.13 | 5.00 | 5.01 | 6.50 | 7.63 | 8.14 | 52.48 | A. |
| Frederick | 6.52 | 18.00 | 18.43 | 6.00 | 6.17 | 7.00 | 5.15 | 8.18 | 55.55 | A. |
| Frederick | 6.73 | 14.00 | 16.06 | 4.00 | 4.62 | 4.00 | 3.94 | 1.58 | 67.07 | As declared on sack |
| Frederick | 8.59 | 10.50 | 11.41 | 2.25 | 3.65 | 3.50 | 1.80 | 2.16 | 72.39 | " " |
| Frederick | 8.48 | 10.00 | 10.97 | 2.50 | 3.00 | 2.50 | 2.38 | 1.90 | 73.27 | A. |
| Frederick | 9.96 | 10.00 | 10.71 | 3.50 | 2.63 | 4.50 | 2.48 | 1.59 | 72.63 | B. |
| Walkersville | 7.91 | 16.00 | 16.41 | 4.00 | 4.39 | 8.00 | 5.35 | 6.10 | 59.84 | As declared on sack |
| Baltimore | 7.23 | 20.00 | 21.59 | 5.00 | 5.81 | 18.00 | 16.66 | 5.52 | 43.19 | " " |
| Gaithersburg | 8.40 | 26.00 | 25.97 | 5.00 | 5.22 | 9.00 | 8.56 | 6.82 | 45.03 | " " |
| Gaithersburg | 9.92 | 13.50 | 14.92 | 3.20 | 3.58 | 9.27 | 10.22 | 7.00 | 54.36 | " " |
| Gaithersburg | 11.15 | 14.00 | 14.57 | 4.00 | 3.75 | 10.00 | 5.12 | 3.73 | 61.68 | " " |
| Gaithersburg | 11.37 | 9.00 | 9.65 | 2.00 | 2.25 | 5.00 | 2.47 | 1.45 | 72.81 | " " |
| Gaithersburg | 12.20 | 9.00 | 10.00 | 2.00 | 2.42 | 5.00 | 2.60 | 1.24 | 71.54 | " " |
| Grantsville | 9.07 | 18.00 | 19.83 | 5.00 | 5.08 | 6.00 | 5.83 | 8.54 | 51.65 | " " |
| Ellicott City | 7.84 | 41.00 | 41.07 | 5.00 | 6.17 | 10.00 | 10.73 | 7.36 | 26.83 | " " |
| Chestertown | 8.61 | 20.00 | 20.97 | 4.50 | 4.78 | 9.50 | 9.15 | 6.87 | 49.62 | " " |
| Chestertown | 10.96 | 10.00 | 10.79 | 2.50 | 3.03 | 5.00 | 2.17 | 2.05 | 71.00 | " " |
| Chestertown | 8.81 | 14.00 | 13.43 | 3.50 | 3.37 | 10.00 | 11.74 | 7.40 | 55.25 | " " |
| Chestertown | 9.74 | 14.00 | 14.04 | 3.50 | 3.43 | 5.00 | 4.76 | 3.62 | 64.41 | " " |
| Chestertown | 9.73 | 16.00 | 18.60 | 4.50 | 4.79 | 7.00 | 5.31 | 9.17 | 52.40 | " " |
| Chestertown | 8.67 | 20.00 | 20.18 | 4.50 | 4.61 | 9.00 | 5.09 | 10.14 | 51.31 | " " |
| Norbeck | 6.00 | 50.00 | 47.51 | 10.00 | 7.39 | 2.00 | 1.82 | 36.37 | .91 | A. |
| Wash. Grove | 8.12 | 32.00 | 36.42 | 4.00 | 6.01 | 10.00 | 7.92 | 7.12 | 34.41 | As declared on sack |
| Wash. Grove | 9.95 | 26.00 | 29.22 | 4.00 | 4.83 | 11.00 | 7.95 | 6.32 | 41.73 | " " |
| Wash. Grove | 9.41 | 20.00 | 22.82 | 3.50 | 4.41 | 11.00 | 7.77 | 5.45 | 50.14 | " " |
| Wash. Grove | 10.36 | 19.00 | 19.74 | 5.00 | 4.70 | 7.00 | 5.86 | 10.12 | 49.22 | " " |
| Wash. Grove | 10.58 | 16.00 | 16.85 | 4.00 | 4.13 | 7.00 | 5.20 | 8.57 | 54.67 | " " |
| Wash. Grove | 10.38 | 18.00 | 19.31 | 4.00 | 4.83 | 5.00 | 4.40 | 8.16 | 52.92 | " " |
| Wash. Grove | 9.03 | 19.00 | 19.04 | 4.00 | 5.29 | 5.00 | 4.20 | 7.88 | 54.56 | " " |
| Rising Sun | 7.76 | 41.00 | 40.37 | 6.50 | 6.00 | 10.00 | 11.11 | 7.17 | 27.59 | " " |
| Providence | 6.75 | 41.00 | 41.68 | 6.50 | 5.81 | 10.00 | 9.92 | 7.34 | 28.50 | " " |
| Gaithersburg | 7.41 | 41.00 | 41.68 | 6.50 | 5.53 | 10.00 | 9.98 | 6.38 | 29.02 | " " |
| Berlin | ..... | 32.00 | 35.80 | .75 | 1.71x | ..... | ..... | 8.49 | ..... | |
| Derwood | 8.10 | 43.00 | 43.53 | 6.00 | 7.11 | 10.00 | 7.61 | 7.79 | 25.86 | As declared on sack |
| Gaithersburg | 7.17 | 41.00 | 42.42 | 6.00 | 6.89 | 10.00 | 9.40 | 6.67 | 27.45 | " " |
| Sykesville | 6.20 | 41.00 | 43.00 | 6.00 | 6.38 | 10.00 | 9.08 | 6.86 | 28.48 | " " |
| Hampstead | 6.44 | 41.00 | 39.66 | 6.00 | 7.66 | 10.00 | 11.41 | 6.44 | 28.39 | " " |
| Bel Air | 9.05 | 20.00 | 20.01 | 4.50 | 4.94 | 10.00 | 8.83 | 4.70 | 52.47 | A. |
| Bel Air | 8.13 | 13.00 | 15.01 | 3.50 | 3.66 | 10.00 | 9.32 | 5.82 | 58.06 | As declared on sack |

A—Ingredients on sack differ from license.
B—Unable to detect Sunflower Seed.

A—Should be designated as Meat and Bone Scrap.
X—Fat as determined by the Roese-Gottlieb Method.

A—Unable to detect Dry Grains.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| Cambridge Mfg. Co., Cambridge, Md. | ‡New-Vim Molasses Dairy Feed |
| " " | ‡New-Vim Molasses Dairy Feed |
| " " | ‡New-Vim Molasses Dairy Feed |
| " " | ‡Moore s Laying Mash |
| " " | ‡Gets Em Laying Mash |
| " " | ‡New-Vim Special Growing Mash |
| " " | ‡Broiler Mash |
| " " | ‡Pure Wheat Bran |
| " " | ‡Pure Wheat Middlings |
| " " | ‡Super Chick Starter |
| " " | ‡New-Vim Fine Chick Scratch |
| " " | ‡*New-Vim Scratch Feed |
| " " | ‡New-Vim Scratch Feed Medium |
| " " | ‡New-Vim Turkey Starter |
| Cannon Valley Milling Co., Minneapolis,Minn | ‡Billie Feed |
| " " " | Cannon Feed |
| " " " | Wheat Standard Middlings, with Ground Wheat Screen. N. Ex. M. R. |
| Capital Flour Mills, Inc., St. Paul, Minn. | ‡Mid-Dog |
| A. B. Caple Co., Toledo, Ohio | ‡Leafy Alfalfa Meal |
| " " | Alfalfa Meal |
| " " | Alfalfa Meal |
| Cardiff Milling Co., Cardiff, Md. | Daisy Laying Mash |
| " " | Pure Corn & Oats Chop |
| Jesse C. Carr, Vale, Md. | Pure Wheat Bran |
| " " | Pure Wheat Middlings |
| " " | †Pure Corn Bran |
| Carter & Yates Milling Co., Church Hill, Maryland | Red Star Laying Mash |
| " " " | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| " " | Red Star Chick Starter & Grower |
| | Red Star Turkey Mash |
| Cecil County Milling Co., Rising Sun ,Md. | Rising Sun Brand 16% Dairy Feed |
| " " " | Rising Sun Brand Laying Mash, with DBM |
| Central Chemical Co., Inc., Baltimore, Md. | *"Gro-All' 60% Digester Tankage |
| " " " | "Gro-All' 60% Digester Tankage |
| " " " | "Gro-All' Meat Scraps 55% |
| " " " | *"Gro-All' Meat Scraps 55% |
| " " " | "Gro-All' Meat Scraps 55% |
| " " " | "Gro-All' Meat Scraps 55% |
| " " " | *"Gro-All' Meat & Bone Scrap 50% |
| " " " | "Gro-All' Meat & Bone Scrap 50% |
| " " " | "Gor-All' Meat & Bone Scrap 50% |
| " " " | "Gro-All' Meat & Bone Scrap 50% |
| " " " | "Gro-All' Meat & Bone Scrap 50% |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Cambridge | 10.07 | 24.00 | **24.04** | 4.00 | **4.03** | 9.50 | **8.92** | 8.66 | 44.28 | As declared on sack |
| Cambridge | 10.91 | 20.00 | **21.97** | 4.00 | **3.93** | 10.00 | **8.45** | 7.68 | 47.06 | " " |
| Cambridge | 10.37 | 16.00 | **16.90** | 3.00 | 3.41 | 12.00 | **10.26** | 7.41 | 51.65 | " " |
| Cambridge | 8.85 | 20.00 | **19.92** | 5.00 | **4.97** | 5.00 | **5.10** | 11.68 | 49.48 | " " |
| Cambridge | 10.39 | 20.00 | **20.49** | 5.00 | **5.17** | 7.00 | **7.08** | 10.87 | 46.00 | " " |
| Cambridge | 9.78 | 16.00 | **17.29** | 4.00 | **4.27** | 6.00 | **4.03** | 9.16 | 55.47 | " " |
| Cambridge | 9.65 | 17.00 | **17.29** | 4.00 | **4.99** | 5.00 | **2.87** | 8.06 | 57.14 | " " |
| Cambridge | 9.56 | 14.00 | **14.22** | 4.00 | **3.94** | 10.00 | **7.99** | 7.36 | 56.93 | " " |
| Cambridge | 10.88 | 14.50 | **14.30** | 4.00 | **3.63** | 5.00 | **2.51** | 3.06 | 65.62 | " " |
| Cambridge | 9.09 | 14.00 | **15.80** | 5.00 | **4.56** | 5.50 | **3.79** | 7.51 | 59.25 | B. |
| Cambridge | 10.09 | 9.00 | **11.76** | 2.50 | **4.14** | 3.00 | **1.43** | 1.69 | 70.89 | C. |
| Cambridge | 11.12 | 9.00 | **10.27** | 3.00 | **2.34** | 10.00 | **2.16** | 1.57 | 72.54 | As declared on sack |
| Cambridge | 10.84 | 9.00 | **10.09** | 2.50 | **2.31** | 4.00 | **1.33** | 1.37 | 74.06 | " " |
| Cambridge | 8.22 | 20.00 | **21.32** | 4.00 | **4.03** | 5.00 | **4.01** | 11.75 | 50.67 | D. |
| Grantsville | 10.00 | 17.00 | **20.18** | 3.25 | **3.36** | 4.00 | **3.31** | 4.27 | 58.88 | As declared on sack |
| Grantsville | 10.30 | 17.00 | **18.25** | 3.75 | **4.39** | 6.00 | **4.36** | 4.38 | 58.32 | A. |
| Grantsville | 10.73 | 16.00 | **18.16** | 4.50 | **5.34** | 9.50 | **6.18** | 4.25 | 55.34 | " " |
| Wash. Grove | 10.46 | 16.00 | **18.78** | 3.00 | **3.86** | 4.00 | **3.00** | 3.12 | 60.78 | " " |
| Chestertown | 10.71 | 18.00 | **21.50** | 2.00 | **2.49** | 20.00 | **14.97** | 11.03 | 39.30 | " " |
| Baltimore | 7.23 | 13.00 | **13.95** | 1.00 | **2.27** | 33.00 | **29.99** | 7.37 | 39.19 | " " |
| Chestertown | 8.06 | 13.00 | **15.80** | 1.00 | **1.79** | 33.00 | **27.52** | 8.73 | 38.10 | " " |
| Cardiff | 9.08 | 20.00 | **21.15** | 4.00 | **4.07** | 6.50 | **4.06** | 7.97 | 53.67 | " " |
| Cardiff | 10.51 | 10.00 | **10.00** | 4.00 | **4.00** | 5.00 | **4.69** | 2.09 | 68.71 | " " |
| Vale | 8.21 | 14.00 | **15.09** | 3.50 | **3.98** | 5.00 | **8.03** | 5.66 | 59.03 | " " |
| Vale | 9.22 | 14.00 | **15.80** | 3.50 | **4.51** | 5.00 | **4.54** | 4.41 | 61.52 | " " |
| Vale | 9.22 | 9.00 | **6.32** | 5.00 | **2.75** | 12.00 | **15.70** | 1.07 | 64.94 | " " |
| Centreville | 9.49 | 20.00 | **21.24** | 5.00 | **5.45** | 8.00 | **7.24** | 8.15 | 48.43 | " " |
| Church Hill | 8.90 | 12.00 | **12.81** | 3.00 | **3.25** | 10.00 | **7.19** | 5.77 | 62.08 | " " |
| Church Hill | 9.89 | 12.00 | **13.78** | 3.00 | **3.06** | 5.00 | **3.65** | 3.13 | 66.49 | " " |
| Centreville | 10.29 | 16.00 | **16.23** | 4.00 | **4.22** | 5.00 | **4.16** | 5.96 | 59.14 | " " |
| Centreville | 8.97 | 18.00 | **18.52** | 4.00 | **5.59** | 10.00 | **7.35** | 10.75 | 48.82 | " " |
| Rising Sun | 10.08 | 16.00 | **18.34** | 3.50 | **4.62** | 12.00 | **8.69** | 7.19 | 51.08 | " " |
| Rising Sun | 8.47 | 20.00 | **21.94** | 4.50 | **4.41** | 5.00 | **5.53** | 8.24 | 51.41 | B. |
| Linwood | 8.00 | 60.00 | **59.94** | 8.00 | **6.41** | 2.00 | **1.49** | 23.14 | 1.02 | As declared on sack |
| Frederick | 6.03 | 60.00 | **61.16** | 8.00 | **13.95** | 2.00 | **2.10** | 2.52 | 14.24 | " " |
| Baltimore | 5.21 | 55.00 | **55.11** | 8.00 | **14.31** | 2.00 | **2.41** | 22.01 | .95 | " " |
| Baltimore | 5.18 | 55.00 | **51.87** | 8.00 | **8.47** | 2.00 | **1.86** | 29.79 | 2.83 | A. |
| Denton | 6.50 | 55.00 | **55.72** | 8.00 | **12.21** | 2.00 | **1.48** | 23.24 | .85 | As declared on sack |
| Baltimore | 6.33 | 55.00 | **55.64** | 8.00 | **12.42** | 2.00 | **1.55** | 22.62 | 1.44 | " " |
| Baltimore | 3.60 | 50.00 | **51.78** | 8.00 | **7.48** | 2.00 | **1.67** | 33.60 | 1.87 | " " |
| Westminster | 5.37 | 50.00 | **50.28** | 8.00 | **11.95** | 2.00 | **1.89** | 27.80 | 2.71 | " " |
| Baltimore | 6.14 | 50.00 | **50.02** | 8.00 | **9.81** | 2.00 | **1.92** | 28.80 | 3.31 | " " |
| Frederick | 5.62 | 50.00 | **51.78** | 8.00 | **10.66** | 2.00 | **1.83** | 27.87 | 2.24 | " " |
| Baltimore | 6.23 | 50.00 | **49.93** | 8.00 | **10.42** | 2.00 | **1.71** | 29.97 | 1.74 | " " |

B—Ingredients on sack differ from license. Fat guarantee on sack differs from license.
C—Cut Hulled Oats and not Pin Head Oats as declared.
D—Mineral consist of Ground Oyster Shell and Steamed Bone Meal.

A—Fat guarantee on sack differs from license.
B—Unable to detect Corn Gluten Meal.

A—Should be designated as Meat and Bone Scrap.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Central Chemical Co., Inc., Cambridge, Md.** (Continued) | "Gro-All' Meat & Bone Scrap 50% |
| " " " | "Gro-All' Meat & Bone Scrap 50% |
| " " " | "Gro-All" Meat & Bone Scrap 50% |
| " " " | "Gro-All" Meat & Bone Scrap 50% |
| " " " | "Gro-All" Meat & Bone Scrap 50% |
| " " " | "Gro-All" Meat & Bone Scrap 45% |
| " " " | "Gro-All" Meat & Bone Scrap 45% |
| " " " | "Gro-All" Fish Meal 55% |
| " " " | "Gro-All" Fish Meal 55% |
| " " " | "Gro-All" Fish Meal 55% |
| " " " | "Gro-All" Fish Meal 55% |
| " " " | "Gro-All' Fish Meal 55% |
| " " " | ‡"Gro-All' Sweet Sixteen Dairy Ration |
| " " " | ‡*"Gro-All' Sweet Sixteen Dairy Ration |
| " " " | ‡"Gro-All' 24% Dairy Feed |
| " " " | ‡"Gro-All' 24% Dairy Feed |
| " " " | ‡"Gro-All' Laying Mash |
| " " " | ‡"Gro-All' Laying Mash |
| **Chapin & Co., Hammond, Ind.** | Unicorn Dairy Ration 24% |
| " " | ‡Unicorn Dairy Ration 24% |
| " " | ‡Unicorn Dairy Ration 20% |
| " " | Centaur Fitting Ration |
| " " | ‡Lay All Toasted Kernels |
| " " | ‡Start All Toasted Kernels |
| " " | ‡Rabbit Cookies Toasted |
| **Chestnut Farms Dairy, Washington, D. C.** | Skim Milk Powder |
| **Chewsville Cooperative Association, Chewsville, Md.** | Thrivont Milk Maker |
| | Thrivont Laying Mash, with BM. & Cod Liver Oil |
| " " " | Thrivont Growing Feed |
| " " " | Thrivont Stock Feed |
| " " " | Thrivont Pig & Hog Meal |
| " " " | Thrivont Chick Starter, with BM. & Cod Liver Oil |
| " " " | Thrivont Scratch Grains |
| **Claro Milling Co., Minneapolis, Minn.** | Hard Wheat Standard Middlings |
| **Harry Clipp, Sharpsburg, Md.** | Egg Mash |
| **J. Henry Clusman, Baltimore, Md.** | ‡Fairfield Farms 85 Special Horse Feed |
| " " | ‡†C. & O. Feed |
| " " | ‡Reliance Horse Feed |
| **Cohn & Bock Co., Princess Anne, Md.** | Laying Mash, with 4% Dried Milk |
| " " " | Growing Mash, with 4% Dried Milk |
| " " " | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| " " " | Chick Starter, with 5% Dried Milk & Cod Liver Oil |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

| SAMPLED FROM | Moisture | PROTEIN Guaranteed | PROTEIN FOUND | FAT Guaranteed | FAT FOUND | FIBRE Guaranteed | FIBRE FOUND | Ash | Nitrogen Free Extract | INGREDIENTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Frederick | 5.50 | 50.00 | 50.46 | 8.00 | 11.64 | 2.00 | 1.44 | 29.30 | 1.66 | " | " |
| Westminster | 6.78 | 50.00 | 50.90 | 8.00 | 12.05 | 2.00 | 1.88 | 28.19 | .20 | " | " |
| Denton | 6.35 | 50.00 | 50.37 | 8.00 | 10.19 | 2.00 | 1.72 | 30.90 | .47 | " | " |
| Mt. Airy | 5.78 | 50.00 | 51.07 | 8.00 | 11.76 | 2.00 | 2.24 | 32.69 | ..... | " | " |
| Baltimore | 6.15 | 50.00 | 50.90 | 8.00 | 11.90 | 2.00 | 2.04 | 26.31 | 2.70 | " | " |
| Denton | 6.72 | 45.00 | 45.28 | 8.00 | 9.92 | 2.00 | 2.16 | 31.90 | 4.02 | " | " |
| Hagerstown | 6.35 | 45.00 | 46.16 | 8.00 | 8.81 | 2.00 | 2.11 | 33.60 | 2.97 | " | " |
| Baltimore | 6.29 | 55.00 | 60.02 | 6.00 | 6.49 | 1.00 | .41 | 19.77 | 7.02 | " | " |
| Frederick | 7.48 | 55.00 | 61.08 | 6.00 | 6.18 | 1.00 | .96 | 21.80 | 2.50 | " | " |
| Ellicott City | 7.26 | 55.00 | 58.80 | 6.00 | 6.23 | 1.00 | .65 | 20.86 | 6.20 | " | " |
| Hagerstown | 7.11 | 55.00 | 60.72 | 6.00 | 6.41 | 1.00 | 1.11 | 20.84 | 3.81 | " | " |
| Denton | 8.32 | 55.00 | 56.43 | 6.00 | 6.21 | 1.00 | .79 | 21.66 | 6.59 | " | " |
| Frederick | 10.36 | 16.00 | 17.27 | 4.00 | 3.80 | 12.00 | 10.12 | 8.03 | 50.42 | " | " |
| Frederick | 10.94 | 16.00 | 16.92 | 4.00 | 3.50 | 12.00 | 13.72 | 8.32 | 46.60 | B. | |
| Frederick | 9.96 | 24.00 | 25.92 | 3.50 | 4.41 | 9.00 | 7.01 | 10.47 | 42.23 | As declared on sack | |
| Frederick | 10.58 | 24.00 | 24.75 | 3.50 | 4.59 | 9.00 | 7.85 | 8.28 | 43.95 | " | " |
| Frederick | 8.86 | 19.00 | 21.15 | 4.00 | 4.95 | 8.00 | 6.78 | 10.53 | 47.73 | " | " |
| Frederick | 7.71 | 19.00 | 21.76 | 4.00 | 4.90 | 8.00 | 7.69 | 10.20 | 47.74 | " | " |
| Cumber.and | 9.78 | 24.00 | 25.66 | 4.50 | 4.51 | 10.00 | 8.44 | 8.64 | 42.97 | As declared on sack | |
| Annapolis | 9.65 | 24.00 | 24.27 | 4.50 | 4.52 | 10.00 | 8.29 | 10.44 | 42.83 | " | " |
| Baltimore | 10.01 | 20.00 | 22.52 | 4.50 | 5.05 | 10.00 | 7.95 | 8.22 | 46.25 | " | " |
| Baltimore | 10.20 | 12.00 | 13.16 | 4.00 | 5.31 | 8.00 | 7.60 | 5.50 | 58.23 | " | " |
| Baltimore | 9.36 | 16.00 | 17.72 | 3.50 | 4.23 | 5.50 | 4.71 | 6.90 | 57.08 | " | " |
| Baltimore | 8.00 | 15.00 | 17.55 | 3.50 | 4.20 | 4.50 | 3.97 | 7.60 | 58.68 | " | " |
| Baltimore | 8.00 | 18.00 | 20.71 | 4.50 | 4.82 | 10.00 | 7.61 | 6.65 | 52.21 | " | " |
| Frederick | ..... | 32.00 | 34.49 | .75 | .95x | ..... | ..... | 8.56 | ..... | | |
| Chewsville | 7.11 | 23.00 | 25.01 | 5.00 | 4.58 | 7.00 | 10.97 | 9.97 | 42.36 | A. | |
| Chewsville | 8.43 | 19.00 | 23.17 | 5.00 | 5.99 | 8.00 | 6.25 | 12.30 | 43.86 | As declared on sack | |
| Chewsville | 9.37 | 16.00 | 18.69 | 4.00 | 6.24 | 6.00 | 4.17 | 8.82 | 52.71 | " | " |
| Chewsville | 11.10 | 10.00 | 12.16 | 3.00 | 3.83 | 9.00 | 8.02 | 9.91 | 54.98 | B. | |
| Chewsville | 8.68 | 15.00 | 20.18 | 5.00 | 4.54 | 8.00 | 6.65 | 9.95 | 50.00 | As declared on sack | |
| Chewsville | 9.82 | 14.00 | 17.20 | 4.00 | 5.25 | 3.50 | 5.19 | 7.54 | 55.00 | C. | |
| Chewsville | 12.97 | 10.00 | 10.79 | 2.50 | 2.03 | 5.00 | 2.41 | 1.68 | 70.12 | As declared on sack | |
| Cumberland | 7.51 | 15.00 | 19.48 | 4.00 | 6.20 | 9.50 | 8.17 | 5.15 | 53.49 | " | " |
| Sharpsburg | 8.84 | 20.00 | 23.43 | 4.50 | 4.30 | 6.00 | 5.59 | 6.44 | 51.40 | " | " |
| Baltimore | 10.46 | 9.00 | 10.00 | 3.00 | 3.42 | 10.00 | 7.73 | 3.96 | 64.43 | As declared on sack | |
| Baltimore | 8.77 | 12.00 | 10.62 | 5.00 | 4.06 | 7.25 | 7.05 | 2.42 | 67.08 | " | " |
| Baltimore | 10.45 | 8.50 | 10.59 | 2.50 | 3.49 | 8.00 | 7.91 | 4.80 | 62.76 | " | " |
| Princess Anne | 9.42 | 20.00 | 20.36 | 4.50 | 5.14 | 6.00 | 5.22 | 9.83 | 50.03 | " | " |
| Princess Anne | 9.78 | 16.00 | 17.55 | 4.50 | 4.68 | 6.00 | 5.51 | 8.12 | 54.36 | " | " |
| Princess Anne | 8.98 | 13.00 | 14.39 | 3.50 | 3.68 | 10.00 | 10.51 | 7.10 | 55.34 | " | " |
| Princess Anne | 10.15 | 14.00 | 14.83 | 3.50 | 3.65 | 6.00 | 5.75 | 4.24 | 61.38 | " | " |
| Princess Anne | 9.60 | 18.00 | 19.39 | 5.00 | 6.01 | 5.20 | 4.86 | 9.33 | 50.81 | " | " |

B—Also detected Cocoa By Products.

A—Ingredients on sack differ from license. Also detected Molasses.
B—Also detected Corn Gluten Feed—unable to detect Ground Barley.
C—Also detected Alfalfa Meal.
X—Fat as determined by the Roese-Gottlieb Method.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Colby Milling Co., Dowagiac, Mich.** | ‡Middlings |
| **Collis Products Co., St. Paul, Minn.** | Collis Process Dried Buttermilk |
| " " " | Collis Process Dried Buttermilk |
| **Commander-Larabee, Corp., Minneapolis, Minn.** | Sunfed Winter Wheat Bran, with G.S.N. Ex. M. R. |
| " " | Sunfed Wheat Bran, with G.S.N.Ex.M.R. |
| " " | Sunfed Wheat Standard Middlings, with G. S. N. Ex. M. R. |
| " " | Sunfed Wheat Standard Middlings, with G. S. N. Ex. M. R. |
| " " | Sunfed Wheat Flour Middlings, with G. S. N. Ex. M. R. |
| " " | Sunfed Wheat Flour Middlings, with G. S. N. Ex. M. R. |
| **Commercial Milling Co., Detroit, Mich.** | Extra Fancy Comco Wheat Middlings, with G. S. |
| **Community Mills, Liberty Grove, Md.** | Stively's O. K. Laying Mash |
| " " | Pure Wheat Bran |
| " " | Pure Wheat Middlings |
| **G. E. Conkey Co., Cleveland, Ohio** | ‡32% Supplement Poultry Mash, with Y-O |
| " " | ‡Gecco Egg Mash |
| " " | ‡Gecco Egg Mash, with Y-O |
| " " | Red Seal Laying Mash |
| " " | Gecco Growing Mash, with BM. & Y-O |
| " " | Gecco Growing Mash, with BM. & Y-O |
| " " | Gecco Growing Grains |
| " " | Broiler Mash, with Y-O |
| " " | ‡Geccofat Station Fattener, with BM. |
| " " | ‡Starting Feed, with BM. & Y-O |
| " " | ‡All Grain Horse & Mule Feed |
| " " | Gecco Chick Grains |
| " " | Superior Scratch Grains |
| " " | ‡Scratch Grains |
| " " | Turkey Starting & Growing Mash, with Y-O |
| " " | Balanced Rabbit Feed, with Y-O |
| **Consolidated By-Product Co., Philadelphia, Pa.** | Beef & Bone Scrap |
| " " | Beef & Bone Scrap |
| | Fish Meal |
| **Consolidated Products Co., Danville, Ill.** | Pure Dried Buttermilk |
| " " " | Pure Dried Buttermilk |
| " " " | ‡Pure Dried Buttermilk |
| **Consolidated Rendering Co., Boston, Mass.** | Banner Meat & Bone Scrap |
| **Consumers Import Co., Inc., New York, N.Y.** | *CICO Bone Meal |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN Guaranteed | PROTEIN FOUND | FAT Guaranteed | FAT FOUND | FIBRE Guaranteed | FIBRE FOUND | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Maugansvi.le | 10 .16 | 13 .00 | **14 .92** | 3 .00 | **4 .24** | 4 .50 | **4 .15** | 3 .71 | 62 .82 | A. |
| Ellicott City | ..... | 30 .00 | **32 .12** | 5 .00 | **5 .57x** | ..... | ..... | 8 .92 | ..... | |
| Frederick | ..... | 30 .00 | **31 .15** | 5 .00 | **6 .64x** | ..... | ..... | 10 .55 | ..... | |
| Mt.Lake Park | 9 .61 | 14 .00 | **16 .67** | 4 .00 | **4 .77** | 12 .00 | **9 .26** | 7 .10 | 52 .59 | As declared on sack |
| Cambridge | 8 .61 | 14 .00 | **15 .71** | 4 .00 | **4 .92** | 12 .00 | **12 .15** | 6 .96 | 51 .65 | " " |
| Baltimore | 10 .45 | 14 .50 | **16 .67** | 4 .00 | **5 .66** | 9 .50 | **7 .74** | 5 .20 | 54 .28 | " " |
| Cambridge | 9 .14 | 14 .50 | **17 .20** | 4 .00 | **5 .42** | 9 .50 | **9 .69** | 5 .71 | 52 .84 | " " |
| Cambridge | 9 .47 | 16 .00 | **17 .46** | 4 .00 | **4 .25** | 6 .00 | **5 .61** | 3 .24 | 59 .97 | " " |
| Baltimore | 9 .80 | 16 .00 | **18 .60** | 4 .00 | **5 .26** | 6 .00 | **6 .20** | 4 .32 | 55 .82 | " " |
| Westminster | 10 .78 | 15 .00 | **16 .23** | 3 .50 | **4 .11** | 7 .00 | **5 .66** | 3 .78 | 59 .44 | As declared on sack |
| Liberty Grove | 10 .55 | 20 .00 | **20 .05** | 4 .50 | **5 .22** | 7 .00 | **8 .10** | 8 .13 | 47 .95 | " " |
| Liberty Grove | 8 .73 | 14 .00 | **14 .92** | 3 .50 | **3 .42** | 10 .00 | **9 .96** | 6 .76 | 56 .21 | " " |
| Liberty Grove | 10 .21 | 14 .00 | **15 .01** | 3 .50 | **4 .26** | 6 .00 | **4 .20** | 3 .67 | 62 .65 | " " |
| Hagerstown | 7 .16 | 32 .00 | **34 .22** | 5 .00 | **6 .60** | 7 .00 | **5 .39** | 16 .31 | 30 .32 | " " |
| Hagerstown | 9 .09 | 20 .00 | **21 .24** | 5 .00 | **5 .65** | 7 .00 | **5 .20** | 9 .16 | 49 .66 | " " |
| Hagerstown | 8 .44 | 20 .00 | **21 .32** | 5 .00 | **6 .24** | 7 .00 | **5 .65** | 9 .75 | 48 .60 | " " |
| Hancock | 9 .45 | 20 .00 | **19 .57** | 4 .00 | **6 .32** | 6 .00 | **4 .75** | 8 .45 | 51 .46 | " " |
| Hagerstown | 10 .35 | 18 .00 | **18 .08** | 5 .00 | **5 .33** | 7 .00 | **5 .23** | 6 .41 | 54 .60 | " " |
| Baltimore | **9 .97** | 18 .00 | **18 .78** | 5 .00 | **5 .41** | 7 .00 | **5 .39** | 7 .40 | 53 .05 | " " |
| Baltimore | 10 .88 | 10 .00 | **10 .18** | 2 .50 | **2 .66** | 3 .00 | **1 .83** | 1 .90 | 72 .55 | " " |
| Hancock | 9 .18 | 19 .00 | **19 .57** | 4 .00 | **5 .79** | 7 .00 | **4 .72** | 7 .23 | 53 .51 | " " |
| Hagerstown | 8 .40 | 14 .50 | **15 .80** | 4 .50 | **5 .56** | 5 .00 | **4 .91** | 4 .42 | 60 .91 | " " |
| Hagerstown | 9 .48 | 16 .00 | **16 .67** | 4 .50 | **6 .45** | 5 .00 | **4 .70** | 5 .99 | 56 .71 | " " |
| Hancock | 9 .63 | 9 .50 | **10 .98** | 3 .00 | **3 .96** | 9 .50 | **6 .08** | 3 .74 | 65 .61 | " " |
| Baltimore | 10 .65 | 10 .00 | **11 .41** | 2 .00 | **2 .08** | 2 .50 | **1 .66** | 1 .83 | 72 .37 | " " |
| Baltimore | 12 .06 | 9 .00 | **10 .00** | 2 .00 | **1 .99** | 3 .50 | **2 .30** | 1 .82 | 71 .83 | " " |
| Hagerstown | 10 .49 | 9 .75 | **10 .09** | 1 .75 | **3 .43** | 3 .00 | **2 .67** | 1 .43 | 71 .89 | A. |
| Salisbury | 9 .12 | 23 .00 | **23 .62** | 5 .00 | **6 .13** | 7 .00 | **5 .46** | 8 .41 | 47 .26 | " " |
| Salisbury | 9 .81 | 12 .50 | **13 .60** | 3 .50 | **4 .69** | 6 .00 | **3 .30** | **8 .72** | 59 .88 | " " |
| Federalsburg | 5 .09 | 50 .00 | **49 .93** | 7 .00 | **9 .10** | 3 .00 | **2 .11** | 33 .54 | .23 | " " |
| Berlin | 9 .36 | 50 .00 | **50 .72** | 7 .00 | **10 .06** | 3 .00 | **.58** | 35 .91 | ..... | " " |
| Berlin | 5 .95 | 55 .00 | **60 .02** | 8 .00 | **7 .56** | 2 .00 | **1 .92** | 21 .93 | 2 .62 | " " |
| Maugansville | ..... | 30 .00 | **31 .24** | 5 .50 | **6 .54** | ..... | ..... | 12 .04 | ..... | As declared on sack |
| Hagerstown | ..... | 30 .00 | **32 .29** | 5 .50 | **6 .41x** | ..... | ..... | 11 .63 | ..... | " " |
| Salisbury | ..... | 30 .00 | **35 .10** | 5 .50 | **7 .80x** | ..... | ..... | 11 .03 | ..... | " " |
| Frederick | 6 .02 | 50 .00 | **51 .34** | 8 .00 | **9 .65** | 3 .00 | **2 .37** | 30 .60 | .02 | " " |
| Snow Hill | 2 .53 | 5 .14 | **7 .99** | 1 .00 | **.38** | 1 .00 | **2 .68** | 85 .05 | 1 .37 | " " |

A—Protein, Fat and Fibre guarantee on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Continental Feed Co., Baltimore, Md. | *55% Meat Scrap |
| " " | *55% Meat Scrap |
| " " | *55% Meat Scrap |
| " " | *55% Meat Scrap |
| " " | ‡45% Meat & Bone Scrap |
| " " | ‡*60% Digester Tankage |
| " " | 55% Fish Meal |
| Continental Milling & Feed Co. Ellicott City, Md. | *Maryland Maide Dairy Feed 24% |
| " " | Dairy Pride Dairy Feed 20% |
| " " | Brewers Grain |
| " " | Pre-Ferd Laying Mash |
| " " | Polka Dot All Mash Starter & Grower |
| " " | Polka Dot Poultry Fattener |
| " " | Polka Dot Horse Feed 90% |
| " " | Polka Dot Pig Meal |
| " " | Polka Dot Developing Grains |
| " " | Polka Dot Chick Grains |
| " " | Polka Dot Scratch Grains |
| " " | Pre-Ferd Scratch Grains |
| " " | Polka Dot Pigeon Feed |
| Corn Products Refining Co., New York, N. Y. | Diamond Corn Gluten Meal |
| " " " | Buffalo Corn Gluten Feed |
| " " " | Buffalo Corn Gluten Feed |
| Crookston Milling Co., Crookston, Minn. | ‡Coarse Wheat Bran |
| Dairymen's League Co-operative Association, Inc., Utica, N. Y. | Dairylea Dried Skim Milk |
| Damascus Milling Co., Damascus, Md. | Mo Eg Laying Mash |
| " " " | Kings Special Hog Feed |
| " " " | Wheat Bran |
| " " " | Wheat Middlings |
| S. P. Davis, Little Rock, Ark. | Goodluck Brand Prime Cottonseed Meal |
| " " | Goodluck Brand Prime Cottonseed Meal |
| " " | Goodluck Brand Prime Cottonseed Meal |
| | ‡Goodluck Brand Prime Cottonseed Meal |
| Decatur Milling Co., Inc., Decatur, Ill. | HOMCO Hominy Feed |
| C. C. Deen, Preston, Md. | ‡Pure Wheat Bran |
| " " | ‡*Pure Wheat Middlings |
| C. E. Depuy Co., Pontiac, Mich. | ‡Pontiac Scratch |
| Derwood Mill, Derwood, Md. | Dairy Feed 26% |
| " " | ‡*Dairy Feed 26% |
| " " | Dairy Feed 20% |
| " " | ‡*Dairy Feed 20% |
| | ‡Dairy Feed 16% |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Baltimore | 6.22 | 55.00 | **52.08** | 8.00 | **10.95** | 2.00 | **2.23** | 26.85 | 1.67 | A. |
| Baltimore | 6.57 | 55.00 | **52.74** | 8.00 | **10.82** | 2.00 | **1.69** | 25.83 | 2.35 | A. |
| Hagerstown | 6.57 | 55.00 | **50.81** | 8.00 | **9.75** | 2.00 | **2.36** | 29.00 | 1.51 | B. |
| Hagerstown | 5.96 | 55.00 | **51.19** | 8.00 | **9.85** | 2.00 | **2.49** | 28.94 | 1.57 | A. |
| Hagerstown | 5.67 | 45.00 | **49.76** | 8.00 | **8.20** | 2.00 | **1.89** | 20.74 | 13.74 | A. |
| Hagerstown | 7.44 | 60.00 | **59.15** | 8.00 | **6.39** | 5.00 | **1.96** | 22.80 | 2.26 | C. |
| Frederick | 6.72 | 55.00 | **60.29** | 5.00 | **6.23** | 2.00 | **1.24** | 20.96 | 4.56 | As declared on sack |
| Ellicott City | 10.22 | 24.00 | **23.98** | 4.50 | **3.58** | 9.00 | **8.32** | 7.01 | 46.89 | " " |
| Ellicott City | 7.55 | 20.00 | **21.59** | 4.00 | **4.74** | 12.00 | **9.48** | 8.98 | 47.66 | " " |
| Baltimore | 7.69 | 20.00 | **28.26** | 5.00 | **6.25** | 14.00 | **14.52** | 4.70 | 38.58 | " " |
| Ellicott City | 8.71 | 18.00 | **18.60** | 5.00 | **5.11** | 7.00 | **5.35** | 14.87 | 47.36 | " " |
| Ellicott City | 9.14 | 16.00 | **17.29** | 5.00 | **5.53** | 5.00 | **4.45** | 7.03 | 56.56 | " " |
| Ellicott City | 8.99 | 12.00 | **14.39** | 4.00 | **4.63** | 7.00 | **5.78** | 5.16 | 61.05 | " " |
| Ellicott City | 10.46 | 8.00 | **9.29** | 2.00 | **3.53** | 14.00 | **8.16** | 3.59 | 64.97 | D. |
| Ellicott City | 9.61 | 18.00 | **20.01** | 4.00 | **4.34** | 7.00 | **5.65** | 8.33 | 52.06 | As declared on sack |
| Ellicott City | 13.04 | 10.00 | **10.18** | 2.50 | **2.75** | 5.00 | **2.02** | 1.73 | 70.28 | " " |
| Ellicott City | 10.54 | 10.00 | **11.50** | 2.50 | **3.26** | 5.00 | **1.67** | 2.02 | 71.01 | " " |
| Ellicott City | 11.87 | 10.00 | **10.09** | 2.50 | **2.76** | 5.00 | **2.98** | 1.56 | 70.74 | As declared on sack |
| Ellicott City | 12.19 | 10.00 | **10.27** | 2.50 | **2.41** | 5.00 | **2.98** | 1.89 | 70.26 | " " |
| Ellicott City | 11.64 | 12.00 | **14.92** | 2.50 | **3.78** | 5.00 | **4.78** | 1.50 | 63.38 | " " |
| Baltimore | 8.73 | 43.00 | **45.02** | 1.00 | **1.99** | 4.00 | **2.00** | 8.14 | 34.12 | " " |
| Baltimore | 10.27 | 25.00 | **26.06** | 2.00 | **2.29** | 8.50 | **7.25** | 6.60 | 47.53 | " " |
| Germantown | 10.09 | 25.00 | **27.73** | 2.00 | **2.49** | 8.50 | **7.35** | 5.36 | 46.98 | " " |
| Middleburg | 9.52 | 15.00 | **18.16** | 5.00 | **6.38** | 11.00 | **8.82** | 5.57 | 51.55 | " " |
| Federalsburg | ..... | 33.00 | **34.66** | .75 | **1.54x** | ..... | ..... | 8.60 | ..... | A. |
| Damascus | 8.88 | 20.00 | **21.67** | 5.00 | **5.59** | 8.00 | **7.42** | 9.36 | 47.08 | " " |
| Damascus | 9.74 | 17.00 | **19.31** | 5.00 | **4.57** | 9.00 | **7.35** | 7.19 | 51.84 | A. |
| Damascus | 8.60 | 14.00 | **15.62** | 4.50 | **4.26** | 9.00 | **8.76** | 7.01 | 55.75 | As declared on sack |
| Damascus | 10.07 | 15.00 | **16.85** | 4.50 | **5.29** | 8.00 | **4.60** | 4.80 | 58.39 | " " |
| Medford | 6.82 | 41.00 | **41.86** | 6.00 | **6.61** | 10.00 | **9.77** | 7.00 | 27.94 | " " |
| New Windsor | 6.77 | 41.00 | **41.51** | 6.00 | **6.75** | 10.00 | **8.14** | 7.64 | 29.19 | " " |
| Federalsburg | 7.22 | 41.00 | **43.26** | 6.00 | **6.60** | 10.00 | **8.59** | 7.72 | 26.61 | " " |
| Frederick | 7.63 | 41.00 | **40.98** | 6.00 | **7.30** | 10.00 | **10.99** | 7.73 | 25.37 | " " |
| Ellicott City | 9.38 | 10.00 | **10.71** | 7.00 | **9.51** | 6.00 | **5.67** | 3.16 | 61.57 | As declared on sack |
| Preston | 9.10 | 13.00 | **14.48** | 3.50 | **3.75** | 10.00 | **8.61** | 5.94 | 58.12 | " " |
| Preston | 10.59 | 13.00 | **13.78** | 4.00 | **2.87** | 6.00 | **3.02** | 2.05 | 67.69 | " " |
| Cumberland | 12.07 | 9.00 | **10.00** | 2.50 | **2.39** | 6.00 | **1.98** | 1.20 | 72.36 | A. |
| Derwood | 10.50 | 26.00 | **25.93** | 4.00 | **4.67** | 9.00 | **8.30** | 7.47 | 43.13 | As declared on sack |
| Derwood | 10.50 | 26.00 | **24.72** | 4.00 | **3.88** | 9.00 | **6.94** | 5.61 | 48.35 | B. |
| Derwood | 10.51 | 20.00 | **20.61** | 4.00 | **5.18** | 9.00 | **7.44** | 6.41 | 49.85 | As declared on sack |
| Derwood | 10.56 | 20.00 | **19.52** | 4.00 | **2.86** | 9.00 | **8.23** | 7.01 | 51.82 | C. |
| Derwood | 10.14 | 16.00 | **16.90** | 4.00 | **4.42** | 10.00 | **6.55** | 6.41 | 55.58 | C. |

A—Also detected Fish Meal.
B—Should be designated as Meat and Bone Scrap. Also detected Fish Meal.
C—Also detected Vegetable Fibrous Material.
D—Unable to detect Corn Feed Meal—also detected Alfalfa Meal and Whole Oats.

A—Fat guarantee on sack differs from license.
X—Fat as determined by the Roese-Gottlieb Method.

A—Ingredients and Protein and Fibre guarantee on sack differ from license. Also detected Barley-Corn moldy.
B—Also detected Ground Corn and Breakfast Cereal By-Products.
C—Also detected a Breakfast Cereal By-Product.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **Derwood Mill, Derwood, Md.**, (Cont.) | *Dairy Feed 16% |
| " " | ‡Laying Mash |
| " " | ‡Growing Mash |
| " " | ‡Baby Chick Starter |
| **Devilbiss Bros., New Windsor, Md.** | A. No. 1 Laying Mash |
| **Dewey Bros. Co., Blanchester, Ohio** | 18% Dried Grains |
| **Albert Dickinson Co., Chicago, Ill.** | ‡*Globe Milk-Producer 24% |
| " " | ‡*Globe Milk-Producer 20% |
| " " | ‡Globe Egg-Producer |
| " " | ‡Rival Egg Mash |
| " " | ‡Globe Growing Glob-ets |
| " " | Globe Growing Glob-ets |
| " " | ‡Globe Starting Ration |
| " " | ‡Globe Starting Glob-ets |
| " " | ‡Globe Chick Scratch |
| " " | ‡Rival Poultry Scratch |
| " " | ‡Globe Poultry Scratch |
| **Dietrich & Gambrill, Inc., Frederick, Md.** | Gambrill's High Protein Dairy Feed |
| " " " | Gambrill's A. 1. Dairy Feed |
| " " " | *Gambrill's A. 1. Dairy Feed |
| " " " | Gambrill's 16% Dairy Feed |
| " " " | Frederick Laying Mash |
| " " " | Gambrill's Laying Mash |
| " " " | Gambrill's Laying Mash |
| " " " | Gambrill's Growing Mash |
| " " " | Gambrill's Horse Feed |
| " " " | Gambrill's Horse Feed |
| " " " | Pen-Mar Mixed Grains |
| " " " | Gambrill's Chick Starter |
| " " " | Gambrill's Chick Feed |
| " " " | Frederick Scratch Feed |
| " " " | Frederick Scratch Feed |
| " " " | Frederick Scratch Feed |
| " " " | Gambrill's Scratch Feed |
| " " " | Gambrill's Scratch Feed |
| " " " | Gambrill's Pigeon Feed |
| " " " | Rabbit Feed |
| " " " | Rabbit Feed |
| **William H. Dolbey, White Haven, Md.** | ‡Laying Mash |
| " " " | ‡Growing Mash |
| " " " | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| | ‡Scratch Feed |
| **Donahue Stratton Co., Milwaukee, Wis.** | Hiquality Brewers Dried Grains |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Derwood | 10.81 | 16.00 | **17.17** | 4.00 | **2.80** | 10.00 | **7.84** | 6.08 | 55.30 | D. |
| Derwood | 10.87 | 20.00 | **20.97** | 4.00 | **5.18** | 7.00 | **5.79** | 9.96 | 47.23 | As declared on sack |
| Derwood | 11.10 | 19.00 | **18.25** | 4.00 | **4.58** | 6.00 | **5.13** | 7.94 | 53.00 | " " |
| Derwood | 10.25 | 14.00 | **15.97** | 4.00 | **4.72** | 6.00 | **5.18** | 8.12 | 55.76 | " " |
| New Windsor | 8.53 | 20.00 | **21.76** | 4.00 | **5.12** | 8.00 | **6.40** | 7.80 | 50.39 | " " |
| Frederick | 7.38 | 18.00 | **20.45** | 6.00 | **6.95** | 20.00 | **19.54** | 2.76 | 42.92 | " " |
| Fullerton | 10.26 | 24.00 | **25.23** | 4.30 | **2.89** | 10.00 | **7.29** | 8.72 | 45.61 | " " |
| Fullerton | 10.66 | 20.00 | **22.18** | 4.00 | **3.08** | 10.00 | 7.74 | 8.76 | 47.58 | " " |
| Fullerton | 10.64 | 18.00 | **18.25** | 3.50 | **5.48** | 7.00 | **5.93** | 10.43 | 49.27 | " " |
| Fullerton | 10.16 | 20.00 | **21.94** | 4.00 | **4.49** | 7.00 | **6.12** | 11.68 | 45.61 | E. |
| Fullerton | 10.01 | 15.00 | **16.85** | 4.00 | **4.27** | 5.50 | **4.58** | 7.84 | 56.45 | As declared on sack |
| Fullerton | 9.03 | 15.00 | **17.72** | 4.00 | **6.30** | 5.50 | **4.57** | 10.68 | 51.70 | As declared on sack |
| Fullerton | 8.81 | 15.00 | **15.53** | 4.00 | **5.01** | 5.50 | **4.63** | 7.50 | 58.52 | " " |
| Fullerton | 8.08 | 15.00 | **16.32** | 4.00 | **4.57** | 5.50 | **4.19** | 7.59 | 59.25 | " " |
| Fullerton | 11.09 | 10.00 | **10.76** | 2.50 | **3.01** | 3.75 | **1.89** | 1.96 | 71.29 | " " |
| Fullerton | 12.56 | 10.00 | **10.00** | 2.50 | **3.59** | 5.00 | **2.69** | 1.54 | 69.62 | " " |
| Fullerton | 12.90 | 10.00 | **10.09** | 2.50 | **2.78** | 3.75 | 2.22 | **1.52** | 70.49 | " " |
| Boyds | 9.18 | 32.00 | **33.54** | 5.00 | **4.92** | 9.00 | **9.05** | 6.07 | 37.24 | " " |
| Ellicott City | 8.48 | 24.00 | **27.17** | 4.60 | **4.48** | 9.00 | **8.91** | 6.68 | 44.28 | " " |
| Monrovia | 10.01 | 24.00 | **24.90** | 4.60 | **4.00** | 9.00 | **7.89** | 6.50 | 46.70 | " " |
| Buckeystown | 10.57 | 16.00 | **16.68** | 3.50 | **4.12** | 12.00 | **10.50** | 6.73 | 51.40 | " " |
| Hyattsville | 10.31 | 18.00 | **19.74** | 3.50 | **5.21** | 8.00 | **6.64** | 7.57 | 50.53 | " " |
| Hyattsville | 10.18 | 20.00 | **21.50** | 5.00 | **5.50** | 7.00 | **6.28** | 8.52 | 48.02 | " " |
| Berwyn | 9.62 | 20.00 | **21.67** | 5.00 | **5.21** | 7.00 | **6.22** | 8.32 | 48.96 | " " |
| Berwyn | 9.84 | 18.00 | **21.50** | 4.00 | **5.61** | 7.00 | **5.20** | 8.02 | 49.83 | " " |
| Hyattsville | 10.97 | 10.00 | **10.48** | 3.50 | **4.05** | 12.00 | **6.31** | 2.71 | 65.48 | A. |
| Berwyn | 10.35 | 10.00 | **10.26** | 3.50 | **3.57** | 12.00 | **7.19** | 3.63 | 65.00 | As declared on sack |
| Berwyn | 11.82 | 10.00 | **10.35** | 2.50 | **2.86** | 3.00 | **2.10** | 1.42 | 71.45 | " " |
| Buckeystown | 9.70 | 16.00 | **20.01** | 4.00 | **5.26** | 4.50 | **4.08** | 6.23 | 54.72 | " " |
| Clinton | 11.67 | 10.00 | **11.06** | 2.50 | **2.73** | 3.00 | **1.78** | 1.56 | 71.20 | " " |
| Laurel | 11.27 | 10.00 | **10.00** | 3.00 | **3.49** | 4.00 | **2.69** | 2.02 | 70.53 | " " |
| Hyattsville | 8.06 | 10.00 | **10.18** | 3.00 | **3.53** | 4.00 | **2.53** | 1.54 | 74.16 | " " |
| Bethesda | 11.77 | 10.00 | **10.00** | 3.00 | **3.29** | 4.00 | **2.42** | 2.34 | 70.18 | " " |
| Berwyn | 11.21 | 10.00 | **10.27** | 2.50 | **2.69** | 4.00 | **2.40** | 2.64 | 70.79 | " " |
| Clinton | 12.17 | 10.00 | **10.62** | 2.50 | **2.42** | 4.00 | **2.90** | 1.50 | 70.39 | " " |
| Berwyn | 11.27 | 13.00 | **14.04** | 3.00 | **3.90** | 4.00 | **2.67** | 3.22 | 64.90 | " " |
| Hyattsville | 10.57 | 12.00 | **15.36** | 3.50 | **3.08** | 9.00 | **5.42** | 6.12 | 59.45 | " " |
| Hyattsville | 10.48 | 12.00 | **14.07** | 3.50 | **4.59** | 9.00 | **6.23** | 5.91 | 58.72 | " " |
| White Haven | 9.32 | 20.62 | **21.50** | 4.83 | **4.91** | 5.24 | **6.38** | 11.48 | 46.41 | As declared on sack |
| White Haven | 10.50 | 16.00 | **15.97** | 4.00 | **4.54** | 6.00 | **5.48** | 9.38 | 54.13 | " " |
| White Haven | 9.76 | 13.00 | **13.43** | 3.50 | **3.86** | 10.00 | **8.77** | 6.16 | 58.02 | " " |
| White Haven | 11.40 | 13.00 | **13.34** | 3.50 | **3.30** | 8.00 | **2.38** | 2.11 | 67.47 | " " |
| White Haven | 10.86 | 8.00 | **9.83** | 3.00 | **3.11** | 4.00 | **3.07** | 1.73 | 71.40 | A. |
| Baltimore | 6.33 | 24.00 | **23.69** | 5.00 | **5.70** | 19.00 | **16.15** | 4.42 | 43.71 | As declared on sack |

D—Also detected a Breakfast Cereal By-Products. Ingredients on sack differ from license.
E—Also detected Corn Gluten Feed.

A—Unable to detect Alfalfa Meal—also detected Calcium Carbonate.

A—Unable to detect Faffir Corn.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Doughnut Machine, Corp., Ellicott City, Md. | DAMACO Pure Winter Wheat Bran |
| " " " | DOMACO Pure Winter Wheat White Middlings |
| " " " | DOMACO Winter Wheat Mill Feed |
| Dryden Milling Co., Pocomoke, City Md. | Laying Mash |
| " " " | Growing Mash |
| " " " | All Mash |
| " " " | Starting Feed |
| " " " | Scratch Feed |
| " " " | †Corn Feed Meal |
| Eagle Mills, Pocomoke, City, Md. | R.C.D. Laying Mash, with BM |
| " " " | R.C.D. Growing Mash |
| " " " | R.C.D. Growing Mash |
| " " " | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| " " " | Chick Starter |
| " " " | *Eagle Brand Scratch Feed |
| " " " | Turkey Trot Starter & Grower |
| Eagle Roller Mill Co., New Ulm, Minn. | ‡Rye Middlings, with Screenings |
| East Coast Trading Co., Baltimore, Md. | Oberco 50% Meat & Bone Scrap |
| " " " | *Oberco 50% Meat & Bone Scrap |
| " " " | Oberco 50% Meat & Bone Scrap |
| " " " | Oberco 50% Meat & Bone Scrap |
| " " " | *Pure Fish Meal |
| " " " | Pure Fish Meal |
| " " " | Pure Fish Meal |
| " " " | Pure Fish Meal |
| Eastern Cotton Oil Co., Norfolk, Va. | Soya Bean Meal |
| " " " | ‡Soya Bean Meal |
| " " " | ‡Dutch Maid Cotton Seed Meal |
| Eastern Grain Growers, Hagerstown, Md. | ‡Farmers Special 16% Sweet Dairy Feed |
| " " " | ‡Atlantic States Egg Mash Open Formula |
| " " " | ‡*Atlantic States Hog Feed |
| | ‡Atlantic States Starting & Growing Mash |
| Eastern Service, Corp., Cambridge, Md. | "Esco" No. 1 Egg Mash |
| Eastern States Farmers Exchange Springfield, Mass. | 32% Supplement Feed |
| " " " | ‡Egg Mash |
| " " " | Producer Mash |
| " " " | Producer Mash, with Oil |
| " " " | Horse & Calf Ration |
| " " " | Starting and Broiler Ration, with Oil |
| | Scratch Grains, with Coarse Cracked Corn |
| Easten Milling Co., Easton, Md. | Talbot Dairy Supplement |
| " " " | Talbot Dairy |

† Deficient in Protein and Fat.
‡ Not Licensed at time of Sale.
* Deficient in Protein and Fat.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Ellicott City | 8.19 | 14.50 | 15.09 | 4.00 | 4.18 | 9.50 | 9.90 | 7.36 | 55.28 | As declared on sack |
| Ellicott City | 7.80 | 16.00 | 16.50 | 5.00 | 4.50 | 4.50 | 4.08 | 3.76 | 63.36 | " " |
| Ellicott City | 10.25 | 14.00 | 14.57 | 4.00 | 3.67 | 8.00 | 8.94 | 5.30 | 57.27 | " " |
| Pocomoke City | 9.59 | 18.00 | 19.04 | 4.50 | 4.55 | 8.00 | 8.00 | 7.66 | 51.16 | " " |
| Pocomoke City | 10.11 | 18.00 | 17.11 | 3.50 | 4.37 | 5.00 | 4.79 | 7.24 | 56.38 | C. |
| Pocomoke City | 9.89 | 18.00 | 18.43 | 3.75 | 4.13 | 5.00 | 2.80 | 7.94 | 56.81 | " " |
| Pocomoke City | 9.40 | 15.50 | 18.43 | 3.00 | 3.95 | 5.50 | 4.04 | 5.37 | 58.81 | " " |
| Pocomoke City | 11.87 | 10.00 | 10.35 | 2.50 | 2.77 | 4.00 | 2.44 | 1.65 | 70.92 | " " |
| Pocomoke City | 12.91 | 11.00 | 9.83 | 5.00 | 2.39 | 3.50 | 1.90 | 1.98 | 70.99 | " " |
| Pocomoke City | 10.08 | 20.00 | 21.15 | 5.00 | 5.26 | 8.00 | 6.60 | 8.52 | 48.39 | " " |
| Pocomoke City | 10.57 | 16.00 | 17.90 | 4.00 | 5.11 | 7.00 | 4.63 | 7.23 | 54.56 | " " |
| Pocomoke City | 9.97 | 16.00 | 17.99 | 4.00 | 5.31 | 7.00 | 4.40 | 7.97 | 54.36 | " " |
| Pocomoke City | 8.95 | 14.00 | 14.57 | 3.50 | 3.40 | 10.00 | 8.50 | 5.78 | 58.80 | " " |
| Pocomoke City | 9.83 | 14.00 | 16.32 | 3.50 | 4.81 | 5.00 | 4.01 | 3.41 | 61.62 | " " |
| Pocomoke City | 9.81 | 16.00 | 17.20 | 4.50 | 4.64 | 6.00 | 5.17 | 6.18 | 57.00 | " " |
| Pocomoke City | 12.56 | 10.00 | 10.44 | 3.00 | 2.42 | 5.00 | 2.49 | 1.40 | 70.69 | " " |
| Pocomoke City | 8.10 | 19.00 | 20.71 | 4.50 | 4.47 | 7.00 | 6.35 | 9.85 | 50.52 | " " |
| Hagerstown | 8.85 | 15.00 | 16.94 | 3.00 | 3.49 | 9.50 | 6.68 | 4.99 | 59.05 | As declared on sack |
| Chewsville | 6.51 | 50.00 | 51.25 | 8.00 | 11.74 | 3.00 | 2.06 | 25.56 | 2.88 | " " |
| Chestertown | 5.82 | 50.00 | 48.45 | 8.00 | 11.70 | 3.00 | 2.10 | 28.20 | 3.73 | " " |
| Chewsville | 6.05 | 50.00 | 50.37 | 8.00 | 11.25 | 3.00 | 1.53 | 28.47 | 2.33 | " " |
| Chestertown | 5.21 | 50.00 | 54.23 | 8.00 | 7.69 | 3.00 | 1.93 | 24.60 | 6.34 | " " |
| Taneytown | 8.34 | 60.00 | 61.25 | 5.00 | 4.20 | 1.00 | .80 | 20.05 | 5.36 | " " |
| Keymar | 7.97 | 60.00 | 61.52 | 5.00 | 6.74 | 1.00 | .72 | 18.50 | 4.55 | " " |
| Chestertown | 7.73 | 60.00 | 61.87 | 5.00 | 8.05 | 1.00 | .82 | 18.45 | 3.08 | " " |
| Derwood | 8.68 | 60.00 | 60.90 | 5.00 | 6.36 | 1.00 | .81 | 19.34 | 3.91 | " " |
| Taneytown | 8.77 | 48.00 | 49.49 | 5.50 | 6.34 | 8.00 | 5.38 | 6.27 | 23.75 | " " |
| Cambridge | 4.03 | 48.00 | 48.88 | 5.50 | 5.64 | 8.00 | 5.43 | 5.27 | 30.75 | " " |
| Cambridge | 6.93 | 41.00 | 43.44 | 5.50 | 5.95 | 10.00 | 10.65 | 6.03 | 27.00 | " " |
| Hagerstown | 10.81 | 16.00 | 17.02 | 3.00 | 5.00 | 12.00 | 8.61 | 7.34 | 51.22 | " " |
| Hagerstown | 9.60 | 16.50 | 18.08 | 4.00 | 4.55 | 6.50 | 5.66 | 11.02 | 51.09 | " " |
| Hagerstown | 9.92 | 20.00 | 22.90 | 5.20 | 4.31 | 5.00 | 4.99 | 7.70 | 50.18 | A. |
| Hagerstown | 11.94 | 16.00 | 17.02 | 4.00 | 3.75 | 6.00 | 6.01 | 9.20 | 52.08 | B. |
| Cambridge | 8.85 | 18.50 | 18.87 | 4.00 | 6.21 | 7.50 | 6.30 | 10.65 | 49.12 | As declared on sack |
| Greensboro | 10.94 | 32.00 | 33.09 | 4.50 | 4.62 | 8.00 | 7.54 | 7.28 | 36.53 | As declared on sack |
| Greensboro | 9.12 | 17.00 | 18.69 | 4.00 | 5.21 | 6.50 | 6.23 | 8.81 | 51.94 | " " |
| Greensboro | 9.50 | 17.00 | 18.52 | 4.00 | 4.77 | 6.50 | 5.67 | 9.50 | 52.04 | " " |
| Greensboro | 9.23 | 17.00 | 18.60 | 4.00 | 5.60 | 6.50 | 5.95 | 9.44 | 51.18 | " " |
| Greensboro | 10.97 | 10.50 | 11.52 | 3.50 | 3.97 | 7.00 | 7.22 | 4.95 | 61.37 | " " |
| Greensboro | 8.97 | 18.50 | 19.48 | 4.00 | 5.18 | 5.00 | 4.32 | 7.84 | 54.21 | " " |
| Greensboro | 9.30 | 10.00 | 10.62 | 2.50 | 3.39 | 4.00 | 3.09 | 1.48 | 72.12 | " " |
| Easton | 10.55 | 32.00 | 31.63 | 4.50 | 7.70 | 8.00 | 6.83 | 8.77 | 34.52 | " " |
| Easton | 11.31 | 20.00 | 20.68 | 4.00 | 5.67 | 8.00 | 7.50 | 7.41 | 47.43 | A. |

B—Fibre guarantee on sack differs from license.
C—Protein guarantee on sack differs from license.

A—Also detected Ground Rye and Ground Wheat—unable to detect Barley.
B—Detected Alfalfa Meal and not Alfalfa Leaf Meal.

A—Ingredients on sack differ from license.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Easton Milling Co., Easton, Md.** (Cont.) | Pasture Feed |
| " " " | Talbot Laying Mash |
| " " " | Talbot All Mash Starting and Growing Mash with BM |
| " " " | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| " " " | Talbot Scrtach Feed |
| **W. T. Eddington & Son, Federalsburg, Md.** | †Best Laying Mash |
| " " " | Pure Wheat Bran |
| " " " | *Pure Wheat Middlings |
| **S. T. Edwards & Co., Inc., Chicago, Ill.** | Butterfly Brand Dried Skimmed Milk |
| **Edwards Distributing Co., Baltimore, Md.** | Fish Meal |
| " " " | Fish Meal |
| " " " | Fish Meal |
| **Englar & Sponseller, Westminster, Md.** | "Meadow-Brook" Dairy Feed |
| " " " | "Meadow-Brook" Laying Mash |
| " " " | Pure Wheat Bran |
| " " " | Wheat Middlings, with M. R. S. |
| **Enterprise Tallow & Grease Co., Phila., Pa.** | Del-Mar-Va Meat and Bone Scrap |
| " " " | ‡*Del-Mar-Va Meat and Bone Scrap |
| **John W. Eshelman & Sons, Lancaster, Pa.** | Challenge Dairy Feed |
| " " " | Red Rose 24 Dairy Feed |
| " " " | Red Rose 24 Dairy Feed |
| " " " | Conestoga 20 Dairy Feed |
| " " " | Lancaster 20 Dairy Feed |
| " " " | Pennsy 16 Dairy Feed |
| " " " | Pennsy Laying Mash |
| " " " | Pennsy Laying Mash |
| " " " | Red Rose Laying Mash |
| " " " | Red Rose Laying Mash |
| " " " | Red Rose Growing Mash |
| " " " | ‡Red Rose Alfalfa Meal No. 1 Fine |
| " " " | Red Rose Alfalfa Meal No. 1 Fine |
| " " " | Lancaster 60 Horse Feed |
| " " " | Garden Spot Horse Feed |
| " " " | Red Horse 85 Horse Feed |
| " " " | Red Rose 85 Horse Feed |
| " " " | Red Rose 85 Horse Feed |
| " " " | Red Rose Hog Meal |
| " " " | Red Rose All Mash Starter |
| " " " | Pennsy Chick Grains |
| " " " | Red Rose Intermediate Chick Grains |
| " " " | Red Rose Intermediate Chick Grains |
| " " " | ‡Lancaster Scratch Grains Flexible Formula |
| " " " | Pennsy Scratch Grains |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Easton | 10.13 | 16.00 | 17.61 | 3.00 | 5.61 | 10.00 | 6.08 | 7.89 | 52.68 | A. |
| Easton | 10.73 | 19.00 | 19.10 | 4.00 | 4.51 | 8.00 | 4.39 | 9.77 | 51.50 | B. |
| Easton | 10.01 | 17.00 | 16.50 | 4.50 | 4.50 | 6.00 | 5.35 | 9.35 | 54.29 | C. |
| Easton | 9.01 | 13.00 | 14.30 | 3.50 | 3.48 | 10.00 | 10.10 | 6.67 | 56.44 | As declared on sack |
| Easton | 10.67 | 12.00 | 13.78 | 2.50 | 3.21 | 3.00 | 2.15 | 2.01 | 68.18 | " " |
| Easton | 11.42 | 9.00 | 10.09 | 3.00 | 2.87 | 4.00 | 2.62 | 1.37 | 71.63 | " " |
| Federalsburg | 9.44 | 20.00 | 17.55 | 5.80 | 4.50 | 7.00 | 7.30 | 12.84 | 48.37 | " " |
| Federalsburg | 9.01 | 14.00 | 14.74 | 4.00 | 3.91 | 11.00 | 8.72 | 5.98 | 57.64 | " " |
| Federalsburg | 10.89 | 14.00 | 13.51 | 4.00 | 2.71 | 6.00 | 1.88 | 1.78 | 69.23 | " " |
| Mt. Airy | ..... | 32.00 | 35.63 | 4.25 | 1.00x | ..... | ..... | 7.95 | ..... | |
| White Hall | 8.06 | 58.00 | 59.85 | 4.00 | 4.01 | 1.75 | 1.24 | 20.36 | 6.48 | As declared on sack |
| Gaithersburg | 7.27 | 58.00 | 60.02 | 4.00 | 5.68 | 1.75 | 1.02 | 20.58 | 5.43 | " " |
| Baltimore | 6.10 | 58.00 | 59.50 | 4.00 | 5.99 | 1.75 | .84 | 20.60 | 6.97 | " " |
| Westminster | 7.35 | 24.00 | 24.31 | 4.50 | 4.54 | 12.00 | 10.29 | 5.23 | 48.28 | " " |
| Westminster | 8.73 | 20.45 | 22.03 | 5.50 | 5.54 | 10.45 | 10.42 | 8.52 | 44.76 | " " |
| Westminster | 11.07 | 15.50 | 16.32 | 3.28 | 3.39 | 10.27 | 9.02 | 6.35 | 53.85 | " " |
| Westminster | 10.57 | 16.00 | 15.71 | 4.00 | 3.62 | 6.00 | 3.79 | 2.77 | 63.54 | " " |
| Snow Hill | 5.90 | 50.00 | 49.76 | 10.00 | 10.02 | 2.00 | 1.04 | 30.09 | 3.19 | " " |
| Snow Hill | 7.78 | 50.00 | 49.93 | 10.00 | 9.36 | 2.00 | 2.21 | 30.48 | .24 | " " |
| Cumberland | 10.05 | 24.00 | 23.98 | 4.00 | 4.49 | 11.00 | 8.07 | 7.42 | 45.99 | " " |
| Woodsboro | 9.86 | 24.00 | 24.57 | 4.00 | 4.08 | 11.00 | 8.20 | 8.79 | 44.50 | " " |
| Salisbury | 10.08 | 24.00 | 25.22 | 4.00 | 5.52 | 11.00 | 8.39 | 7.22 | 43.57 | " " |
| New Windsor | 10.28 | 20.00 | 21.19 | 4.00 | 4.45 | 11.00 | 8.46 | 9.02 | 46.60 | " " |
| Pocomoke City | 10.93 | 20.00 | 20.85 | 4.00 | 3.65 | 11.00 | 8.51 | 7.26 | 48.80 | " " |
| Baltimore | 10.14 | 16.00 | 18.51 | 3.00 | 4.16 | 11.00 | 9.70 | 10.12 | 47.37 | " " |
| Darlington | 9.69 | 18.00 | 18.87 | 5.00 | 5.36 | 8.00 | 6.55 | 6.46 | 53.07 | " " |
| Cumberland | 9.13 | 18.00 | 20.71 | 5.00 | 5.99 | 8.00 | 6.72 | 7.52 | 49.93 | " " |
| Barnesville | 8.37 | 20.00 | 21.41 | 5.00 | 5.51 | 7.00 | 5.87 | 9.05 | 49.79 | " " |
| St. Michaels | 9.04 | 20.00 | 20.71 | 5.00 | 5.93 | 7.00 | 5.99 | 8.58 | 49.75 | " " |
| Salisbury | 8.75 | 16.00 | 18.60 | 4.00 | 5.68 | 7.00 | 5.63 | 6.23 | 55.11 | " " |
| Taneytown | 8.35 | 13.00 | 15.09 | 1.50 | 1.80 | 33.00 | 28.81 | 7.50 | 38.45 | " " |
| Baltimore | 8.06 | 13.00 | 15.88 | 1.50 | 1.72 | 33.00 | 29.48 | 7.54 | 37.32 | " " |
| St. Michaels | 10.56 | 9.00 | 10.66 | 2.50 | 2.36 | 11.00 | 10.82 | 4.64 | 60.96 | " " |
| Salisbury | 10.90 | 7.00 | 8.58 | 2.00 | 3.58 | 10.00 | 11.94 | 5.35 | 59.65 | " " |
| Pocomoke City | 12.18 | 9.00 | 10.45 | 3.00 | 3.70 | 10.00 | 6.48 | 3.06 | 64.13 | " " |
| Baltimore | 10.12 | 9.00 | 10.81 | 3.00 | 3.61 | 10.00 | 5.08 | 3.53 | 66.85 | " " |
| Baltimore | 11.07 | 9.00 | 10.48 | 3.00 | 3.06 | 10.00 | 5.93 | 3.34 | 66.12 | As declared on sack |
| New Windsor | 8.21 | 16.00 | 19.48 | 5.00 | 5.27 | 10.00 | 6.61 | 8.30 | 52.13 | " " |
| New Windsor | 8.68 | 16.00 | 17.55 | 4.00 | 4.84 | 6.50 | 4.91 | 7.30 | 56.72 | " " |
| St. Michaels | 11.01 | 9.00 | 11.41 | 3.00 | 4.13 | 3.00 | 1.62 | 1.80 | 70.03 | " " |
| Baltimore | 10.91 | 10.00 | 11.41 | 3.00 | 3.56 | 3.00 | 1.80 | 2.16 | 70.16 | " " |
| St. Michaels | 10.92 | 10.00 | 11.93 | 3.00 | 3.93 | 3.00 | 1.43 | 2.62 | 69.17 | " " |
| Baltimore | 11.89 | 9.00 | 10.27 | 2.50 | 2.84 | 4.00 | 2.15 | 1.77 | 71.08 | " " |
| St. Michaels | 10.97 | 9.00 | 10.71 | 2.50 | 2.84 | 4.00 | 2.05 | 2.12 | 71.31 | " " |

A—Ingredients on sack differ from license.
B—Ingredients and Fat guarantee on sack differ from license.
C—Protein guarantee on sack differs from license.
X—Fat as determined by the Roese-Gottlieb Method.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Fairchild Milling Co., Cleveland, Ohio | *Special Fine Middlings, with Screenings |
| " " " | ‡Standard Middlings, with G. S. N. Ex. M. R. |
| Fairfield Western Maryland Dairy, Balto., Md. | Skim Milk Powder |
| " " " | Skim Milk Powder |
| Fairmont Creamery Co., Omaha, Neb. | Better Pure Flake Buttermilk |
| " " " | Better Pure Flake Buttermilk |
| Farmers Fertilizer & Feed Co., Westminster, Md. | 24% Dairy Feed |
| " " " | Favorite Laying Mash |
| " " " | Favorite Growing Mash |
| " " " | Favorite Pig Meal |
| " " " | Favorite Developer Feed |
| " " " | Favorite Chick Starter |
| " " " | Favorite Scratch Feed |
| Farmers Supply Co., Denton, Md. | *Fasuco Laying Mash |
| " " | *Fasuco Hog Feed |
| Farmers Supply Co., Walkersville, Md. | Hog Feed |
| Federal Milling Co., Hagerstown, Md. | Grow Big Hog Feed |
| " " | Fancy Wheat Bran |
| " " | Fancy Wheat Bran |
| " " | Fancy Wheat Middlings, with M. R. S. |
| " " | Chick Feed |
| " " | *Pure Corn, Oats and Barley |
| " " | Special Scratch Feed |
| Feed-Mor Products Co., Westminster, Md. | ‡Feed-Mor Meat Meal |
| " " " | Feed-Mor Meat Meal |
| " " " | ‡Feed-Mor Tankage |
| " " " | Feed-Mor Tankage |
| Felton & Kelly, Frederick, Md. | Pure Wheat Bran |
| " " | Wheat Middlings |
| " " | Corn Bran |
| Fernando Valley Milling & Supply Co., Los Angeles, Calif. | Ideal Greens Sun-Cured |
| J. A. Forrest, Minneapolis, Minn. | ‡*Alpine Oat Middlings |
| " " " | *Alpine Ground Feeding Oatmeal |
| " " " | †Alpine Ground Feeding Oatmeal |
| " " " | ‡†Alpine Ground Feeding Oatmeal |
| " " " | *Alpine Super Ground Flax Screenings |
| Freihofer Flour Mills, Philadelphia, Pa. | Wheat Bran, with M. R. of Ground Wheat Screenings |
| J. W. Frush, Alesia, Md. | Wheat Bran |
| " " | *Wheat Middlings |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

| SAMPLED FROM | Moisture | PROTEIN Guaranteed | PROTEIN FOUND | FAT Guaranteed | FAT FOUND | FIBRE Guaranteed | FIBRE FOUND | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Hancock | 9.84 | 15.00 | 15.97 | 3.50 | 2.89 | 8.00 | 3.18 | 2.55 | 65.57 | As declared on sack |
| Frederick | 9.92 | 16.00 | 18.43 | 4.00 | 5.15 | 7.50 | 7.61 | 5.14 | 53.75 | " " |
| Baltimore | ..... | 33.00 | 34.40 | .50 | 1.21x | ..... | ..... | 8.14 | ..... | " " |
| Derwood | ..... | 33.00 | 35.36 | .50 | 1.12x | ..... | ..... | 8.15 | ..... | " " |
| Mt. Airy | ..... | 32.00 | 32.38 | 6.00 | 3.94x | ..... | ..... | 12.16 | ..... | " " |
| Hagerstown | ..... | 32.00 | 33.78 | 6.00 | 7.25x | ..... | ..... | 11.96 | ..... | " " |
| Westminster | 9.73 | 24.00 | 23.96 | 4.00 | 4.05 | 12.00 | 10.81 | 6.66 | 44.79 | A. |
| Westminster | 8.87 | 20.00 | 21.67 | 5.00 | 4.64 | 10.00 | 8.41 | 7.07 | 49.34 | As declared on sack |
| Westminster | 9.47 | 17.00 | 17.81 | 4.00 | 4.27 | 6.50 | 7.99 | 6.60 | 53.86 | " " |
| Westminster | 8.97 | 18.00 | 17.55 | 5.00 | 6.26 | 10.00 | 7.23 | 7.12 | 52.87 | B. |
| Westminster | 11.27 | 10.00 | 10.00 | 2.50 | 3.18 | 2.00 | 1.96 | 1.80 | 71.79 | As declared on sack |
| Westminster | 8.91 | 15.00 | 18.87 | 3.80 | 4.27 | 5.00 | 5.21 | 8.83 | 53.91 | C. |
| Westminster | 11.25 | 10.00 | 10.27 | 3.00 | 3.65 | 4.00 | 3.19 | 1.66 | 69.98 | As declared on sack |
| Denton | 9.53 | 20.00 | 22.64 | 5.00 | 3.77 | 8.00 | 5.81 | 7.86 | 50.39 | A. |
| Denton | 9.80 | 15.00 | 17.20 | 5.00 | 3.82 | 7.00 | 4.35 | 6.28 | 58.55 | B. |
| Walkersville | 10.45 | 15.00 | 18.34 | 4.00 | 3.98 | 4.50 | 4.99 | 4.56 | 57.68 | As declared on sack |
| Hagerstown | 9.83 | 14.50 | 17.20 | 4.50 | 4.16 | 8.00 | 3.30 | 3.88 | 61.63 | " " |
| Hagerstown | 9.12 | 15.00 | 16.76 | 4.00 | 4.32 | 9.50 | 10.03 | 7.03 | 52.74 | " " |
| Hagerstown | 8.34 | 15.00 | 16.67 | 4.00 | 3.75 | 9.50 | 10.05 | 5.27 | 55.92 | C. |
| Hagerstown | 9.09 | 15.50 | 17.20 | 4.00 | 4.52 | 6.00 | 4.78 | 4.91 | 59.50 | As declared on sack |
| Hagerstown | 9.89 | 10.00 | 11.50 | 2.50 | 4.28 | 5.00 | 2.63 | 1.97 | 69.73 | " " |
| Hagerstown | 9.38 | 10.00 | 12.55 | 5.00 | 4.19 | 9.00 | 7.35 | 4.65 | 61.88 | " " |
| Hagerstown | 11.17 | 10.00 | 10.09 | 2.50 | 3.15 | 5.00 | 2.15 | 1.48 | 71.96 | " " |
| Hampstead | 6.18 | 55.00 | 54.93 | 5.00 | 11.39 | 4.00 | 1.47 | 25.20 | .83 | " " |
| Sykesville | 6.62 | 55.00 | 55.02 | 5.00 | 12.84 | 4.00 | 1.20 | 22.20 | 2.12 | " " |
| Sykesville | 4.13 | 35.00 | 37.91 | 5.00 | 25.65 | 2.50 | 4.66 | 19.15 | 8.50 | D. |
| Hampstead | 5.35 | 35.00 | 38.00 | 5.00 | 11.08 | 2.50 | 4.55 | 17.65 | 23.37 | D. |
| Frederick | 8.28 | 13.00 | 15.97 | 3.00 | 3.31 | 10.00 | 10.10 | 6.84 | 55.50 | As declared on sack |
| Frederick | 10.71 | 14.00 | 15.09 | 2.00 | 3.36 | 5.00 | 3.43 | 2.92 | 64.49 | " " |
| Frederick | 9.87 | 8.00 | 9.65 | 3.00 | 3.18 | 12.00 | 11.19 | 1.33 | 64.78 | " " |
| Baltimore | 8.13 | 20.00 | 20.27 | 3.00 | 3.39 | 18.00 | 17.99 | 10.98 | 39.24 | " " |
| Baltimore | 7.76 | 14.00 | 14.65 | 5.00 | 4.34 | 12.00 | 11.96 | 3.14 | 58.15 | As declared on sack |
| Baltimore | 9.45 | 14.00 | 16.30 | 5.00 | 4.08 | 3.90 | 4.64 | 5.02 | 60.51 | " " |
| Baltimore | 12.50 | 14.00 | 11.41 | 5.00 | 4.07 | 3.90 | 5.26 | 2.33 | 64.43 | " " |
| Baltimore | 10.47 | 14.00 | 11.93 | 5.00 | 3.96 | 3.90 | 5.22 | 2.39 | 66.03 | " " |
| Lineboro | 8.10 | 18.00 | 17.38 | 17.50 | 12.38 | 12.50 | 11.76 | 8.65 | 41.73 | " " |
| Sykesville | 8.22 | 16.00 | 17.81 | 4.00 | 4.43 | 11.00 | 8.70 | 6.80 | 54.04 | " " |
| Alesia | 8.66 | 13.00 | 14.88 | 3.50 | 3.45 | 8.00 | 9.81 | 9.10 | 54.10 | " " |
| Alesia | 10.26 | 13.00 | 13.25 | 3.00 | 2.43 | 5.00 | 2.14 | 3.49 | 68.43 | " " |

A—Also detected Ground Corn or Corn Feed Meal.
B—Also detected Ground Oats.
C—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

A—Also detected Ground Barley.
B—Also detected Ground Barley. Ingredients on sack differ from license.
C—Also detected Screenings.
D—Excessive amount of Vegetable Fibrous Material present.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **Galestown Milling Co. Galestown, Md.** | ‡Pure Wheat Bran |
| " " | ‡Pure Wheat Middlings |
| **Gall & Smith, Thurmont, Md.** | Laying Mash |
| **Gambrill Grain Products Co., Baltimore, Md.** | Aliceanna Laying Mash |
| " " " | Aliceanna Growing Mash |
| " " " | Gammalt |
| " " " | G. B. M. Feed |
| " " " | G. Malt Flour |
| " " " | Pure Rye Chop |
| " " " | Corn Meal |
| **Gardiner & Yowaiski Milling Co., Chaptico, Md.** | Chaptico Laying Mash |
| " " " | Peerless Growing Mash |
| " " " | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| " " " | *Chaptico Scratch Grains |
| **General Commodity, Corp., Buffalo, N. Y.** | Old Sol Dried Skimmilk |
| **General Mills, Inc., Minneapolis, Minn.** | Eventually Gold Medal Dairy Ration 20% |
| " " | Eventually Gold Medal Egg Mash |
| " " | Eventually Gold Medal Growing Mash, with DBM |
| " " | Gold Medal Hard Wheat Bran and Wheat Screenings |
| " " | Gold Medal Pure Hard Wheat Adrian Red Dog |
| " " | Gold Medal Hard Wheat Standard Middlings and Wheat Screenings |
| " " | ‡Gold Medal Corn Feed Meal |
| " " | ‡North Star Chick Feed N. G. |
| **Glade Valley Milling Co., Walkersville, Md.** | Gee Vee Dairy Feed |
| " " " | Gee Vee Laying Mash |
| " " " | Winter Wheat Bran |
| " " " | Winter Wheat Middlings, with M. R. S. |
| **Great Atlantic & Pacific Tea Compny, New York, N. Y.** | Milkyway Dairy Feed 24% Protein |
| " " " | Milky Dairy Feed 20% Protein |
| " " " | Special Daily Egg Mash Feed |
| " " " | Daily Growth Growing Mash |
| " " " | ‡Daily Growth Developing Feed |
| " " " | Daily Growth Chick Starter |
| " " " | Daily Growth Chick Starter |
| " " " | *Daily Growth Fine Chick Feed |
| " " " | Daily Egg Scratch Feed |
| " " " | Daily Egg Scratch Feed |
| **Green Acre Farms, Nazareth, Pa.** | Super Quality Alfalfa Meal |
| **Green-Mish Co., Washington, D. C.** | "Green Tag Prime" Cottonseed Meal |
| " " | *"Green Tag Prime" Cottonseed Meal |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Galestown | 8.91 | 14.00 | 14.13 | 3.50 | 4.46 | 10.00 | 10.28 | 7.26 | 54.96 | As declared on sack |
| Galestown | 10.69 | 14.00 | 14.83 | 3.50 | 4.24 | 5.00 | 3.41 | 3.04 | 63.79 | " " |
| Thurmont | 8.39 | 20.00 | 22.99 | 4.00 | 4.59 | 10.00 | 5.43 | 9.76 | 48.84 | A. |
| Baltimore | 9.56 | 20.00 | 21.50 | 3.50 | 5.04 | 8.00 | 5.53 | 7.13 | 51.24 | B. |
| Baltimore | 9.79 | 16.00 | 18.43 | 4.00 | 5.00 | 7.00 | 5.06 | 9.10 | 52.62 | As declared on sack |
| Baltimore | 7.13 | 13.00 | 14.04 | 2.50 | 2.67 | 7.00 | 5.53 | 2.50 | 68.13 | " " |
| Baltimore | 7.80 | 13.00 | 14.92 | 2.00 | 2.18 | 11.00 | 8.42 | 3.66 | 63.02 | " " |
| Baltimore | 8.06 | 12.50 | 14.04 | 2.00 | 2.32 | 9.00 | 5.67 | 3.26 | 66.65 | " " |
| Baltimore | 9.97 | 10.50 | 13.60 | 1.50 | 1.94 | 2.00 | 2.85 | 2.00 | 69.64 | C. |
| Baltimore | 12.97 | 9.00 | 9.04 | 3.00 | 3.53 | 2.00 | 1.47 | 1.32 | 71.67 | " " |
| Chaptico | 9.76 | 20.00 | 21.15 | 5.00 | 5.61 | 6.50 | 6.22 | 9.13 | 48.13 | As declared on sack |
| Chaptico | 9.15 | 14.50 | 18.69 | 4.00 | 6.42 | 6.00 | 5.37 | 8.72 | 51.65 | A. |
| Chaptico | 9.80 | 14.00 | 14.39 | 3.50 | 4.10 | 10.00 | 10.76 | 7.32 | 53.63 | As declared on sack |
| Chaptico | 11.04 | 14.00 | 15.01 | 4.00 | 4.29 | 6.00 | 4.30 | 3.58 | 61.78 | " " |
| Chaptico | 12.46 | 10.00 | 8.78 | 2.50 | 2.72 | 4.00 | 2.70 | 1.20 | 72.14 | " " |
| St. Michaels | ..... | 32.00 | 33.96 | .50 | .97x | ..... | ..... | 8.50 | ..... | " " |
| Grantsville | 9.31 | 20.00 | 21.15 | 5.00 | 5.83 | 8.50 | 7.29 | 7.85 | 48.57 | B. |
| Baltimore | 9.61 | 20.00 | 20.62 | 5.00 | 5.41 | 7.00 | 5.67 | 9.21 | 49.48 | As declared on sack |
| Baltimore | 9.48 | 18.00 | 18.25 | 4.00 | 5.27 | 6.00 | 4.93 | 8.84 | 53.13 | " " |
| Laurel | 9.85 | 14.00 | 15.36 | 4.00 | 4.37 | 12.00 | 9.62 | 8.22 | 52.58 | " " |
| Baltimore | 11.76 | 16.00 | 17.90 | 3.50 | 3.59 | 4.00 | 2.24 | 2.37 | 62.14 | " " |
| Laurel | 10.84 | 15.00 | 16.23 | 4.00 | 4.57 | 9.50 | 7.29 | 6.11 | 54.96 | " " |
| Cumberland | 9.78 | 9.00 | 13.69 | 4.00 | 5.80 | 5.00 | 4.36 | 3.86 | 62.51 | " " |
| Cumberland | 11.32 | 9.50 | 11.93 | 2.00 | 2.38 | 5.00 | 1.56 | 1.40 | 71.41 | " " |
| Walkersville | 8.42 | 20.00 | 21.41 | 3.00 | 3.92 | 9.00 | 9.04 | 6.88 | 50.33 | " " |
| Walkersville | 7.42 | 20.00 | 23.08 | 5.00 | 5.66 | 7.00 | 5.14 | 10.71 | 47.99 | C. |
| Walkersville | 8.13 | 15.00 | 15.18 | 4.00 | 3.70 | 12.00 | 10.31 | 7.00 | 55.68 | " " |
| Walkersville | 8.96 | 16.00 | 17.64 | 4.00 | 4.74 | 6.00 | 5.01 | 4.41 | 59.24 | " " |
| Oakland | 10.96 | 24.00 | 24.48 | 4.50 | 3.75 | 9.00 | 6.90 | 8.02 | 45.89 | As declared on sack |
| Oakland | 10.50 | 20.00 | 21.15 | 4.00 | 3.95 | 9.00 | 7.77 | 7.38 | 49.25 | " " |
| Baltimore | 9.58 | 20.00 | 19.83 | 4.50 | 4.96 | 7.00 | 6.01 | 8.47 | 51.15 | " " |
| Cumberland | 10.19 | 17.50 | 17.02 | 4.00 | 4.84 | 7.00 | 6.92 | 8.47 | 52.56 | " " |
| Hyattsville | 6.46 | 10.00 | 10.18 | 2.50 | 3.51 | 4.00 | 1.86 | 1.48 | 76.51 | " " |
| Baltimore | 8.18 | 16.00 | 16.94 | 4.00 | 4.75 | 5.00 | 4.42 | 7.73 | 57.98 | " " |
| Cumberland | 9.77 | 16.00 | 16.15 | 4.00 | 4.81 | 5.00 | 5.14 | 7.32 | 56.81 | " " |
| Baltimore | 10.60 | 10.00 | 10.53 | 3.00 | 2.50 | 5.00 | 1.77 | 1.57 | 73.03 | " " |
| Baltimore | 10.42 | 10.00 | 10.18 | 2.50 | 2.67 | 5.00 | 2.81 | 1.80 | 72.12 | " " |
| Cumberland | 10.45 | 10.00 | 10.09 | 2.50 | 3.16 | 5.00 | 3.23 | 1.73 | 71.34 | " " |
| Hagerstown | 8.91 | 17.00 | 19.13 | 2.00 | 2.08 | 25.00 | 27.93 | 9.78 | 32.17 | " " |
| Mt. Airy | 6.03 | 41.00 | 42.65 | 6.00 | 6.90 | 10.00 | 9.16 | 7.50 | 27.76 | " " |
| Sykesville | 6.86 | 41.00 | 38.64 | 6.00 | 6.02 | 10.00 | 12.92 | 6.59 | 28.97 | " " |

A—Unable to detect Ground Oats.
B—Ingredients on sack differ from license.
C—Fat and Fibre guarantee on sack differ from license.

X—Fat as determined by the Roese-Gottlied Method.
A—Also detected Wheat Bran and Corn Gluten—unable to detect Linseed Oil Meal.
B—Fat and Ingredients guarantee on sack differ from license.
C—Fibre guarantee on sack differs from license.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Green-Mish Co., Washington, D. C. (Cont.) | "Green Tag Prime" Cottonseed Meal |
| " " | "Green Tag Prime" Cottonseed Meal |
| " " | "Green Tag Prime" Cottonseed Meal |
| " " | "Green Tag Prime" Cottonseed Meal |
| Greensburg By-Products Co., Greensburg, Pa. | Quality Meat Scraps |
| " " " | ‡*Quality Meat Scraps |
| Hales & Hunter Co., Chicago, Ill. | ‡Red Comb Egg Mash, with DBM |
| " " | ‡Morning Glory Egg Mash, with DBM |
| " " | ‡Red Comb Balancer, with DBM. |
| " " | ‡Red Comb Growing Mash, with DBM |
| " " | ‡Red Comb Broiler Mash, with DBM |
| " " | ‡Red Comb Crate Fattener, with Rolled Oats |
| " " | Red Comb Fine Chick N. G. |
| " " | Red Comb Chick Starter, with DBM |
| " " | ‡Red Comb Scratch Feed |
| " " | ‡Red Comb Turkey Mash, with DBM |
| " " | ‡Victoria Rabbit Feed |
| Hampstead Fertilizer Co., Hampstead, Md. | Fish Meal |
| " " " | R-E-M-Home Made Laying Mash |
| " " " | Home Made Growing Mash |
| " " " | Home Made Hog Feed |
| " " " | Home Made Chick Starter |
| Hampstead Milling Co., Hampstead, Md. | Hamco Egg Mash |
| " " " | Winter Wheat Bran N. Ex. M. R. S. |
| " " " | *Winter Wheat Bran N. Ex. M. R. S. |
| " " " | Winter Wheat Middlings |
| " " " | Winter Wheat Middlings |
| Frank Harbaugh, Middleburg, Md. | Middleburg Special Dairy Feed |
| " " | Use More Dairy Feed |
| " " | Use More Egg & Growing Mash |
| | Use More Pig & Hog Meal |
| Harman Bros., Greensboro, Md. | Laying Mash |
| T. A. Hauschel, Chicago, Ill. | *Brewers Dried Grains |
| " " | Brewers Dried Grains |
| Hugh J. Hazelhurst, Baltimore, Md. | 55% Meat Scrap |
| " " " | ‡*55% Meat Scrap |
| " " " | 50% Meat & Bone Scrap |
| " " " | ‡*50% Meat & Bone Scrap |
| | ‡*50% Meat & Bone Scrap |
| Hecker-Jewell Milling Div. of Stardard Milling Co., Buffalo, N. Y. | ‡Choice Wheat Bran, with G. S. N. Ex. M. R. |
| Samuel J. Heiney & Sons, Allentown, Pa. | Hei-Son Baby Chick Food |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Ellicott City | 6.20 | 41.00 | 41.24 | 6.00 | 6.67 | 10.00 | 10.67 | 6.68 | 28.54 | As declared on sack |
| Taneytown | 6.53 | 41.00 | 42.21 | 6.00 | 7.42 | 10.00 | 8.60 | 7.68 | 27.56 | " " |
| Frederick | 6.77 | 41.00 | 40.98 | 6.00 | 6.96 | 10.00 | 10.04 | 7.55 | 27.70 | " " |
| Mt. Airy | 7.62 | 41.00 | 40.02 | 6.00 | 6.87 | 10.00 | 10.54 | 7.56 | 27.39 | " " |
| Grantsville | 7.00 | 55.00 | 51.51 | 10.00 | 10.46 | 2.00 | 1.63 | 29.28 | .12 | A. |
| Grantsville | 7.78 | 55.00 | 53.09 | 10.00 | 10.81 | 2.00 | 1.37 | 27.70 | ..... | A. |
| Cumberland | 9.09 | 18.00 | 18.87 | 4.00 | 5.89 | 7.00 | 6.83 | 9.08 | 50.24 | As declared on sack |
| Cumberlnad | 7.63 | 20.00 | 19.57 | 4.50 | 6.04 | 8.00 | 6.72 | 9.42 | 50.62 | " " |
| Cumberland | 7.32 | 26.00 | 26.41 | 4.00 | 6.21 | 7.00 | 7.89 | 7.49 | 44.68 | " " |
| Baltimore | 9.46 | 15.00 | 17.90 | 4.00 | 5.00 | 6.00 | 6.85 | 8.07 | 52.72 | " " |
| Cumberland | 8.42 | 18.00 | 18.87 | 4.00 | 5.26 | 7.00 | 6.46 | 8.90 | 52.09 | " " |
| Baltimore | 10.51 | 13.00 | 14.74 | 4.00 | 5.19 | 6.00 | 5.76 | 3.38 | 60.42 | A. |
| Baltimore | 11.66 | 10.00 | 11.06 | 2.50 | 2.41 | 5.00 | 1.54 | 1.78 | 71.55 | As declared on sack |
| Baltimore | 10.79 | 15.00 | 18.95 | 4.00 | 4.82 | 5.00 | 4.82 | 7.42 | 53.20 | " " |
| Cumberland | 11.41 | 10.00 | 10.97 | 2.50 | 2.43 | 5.00 | 3.01 | 1.40 | 70.78 | " " |
| Baltimore | 8.73 | 20.00 | 19.74 | 4.00 | 5.55 | 7.00 | 6.32 | 10.19 | 49.47 | " " |
| Baltimore | 11.32 | 12.00 | 12.55 | 2.00 | 2.54 | 20.00 | 13.32 | 7.26 | 53.01 | " " |
| Hampstead | 8.29 | 55.00 | 56.34 | 5.00 | 8.16 | 1.00 | .95 | 22.98 | 3.28 | " " |
| Hampstead | 8.92 | 20.00 | 20.62 | 4.50 | 5.07 | 8.00 | 7.70 | 9.42 | 48.27 | " " |
| Hampstead | 9.61 | 17.00 | 20.01 | 4.00 | 5.02 | 7.00 | 6.29 | 8.32 | 50.75 | " " |
| Hampstead | 9.38 | 15.00 | 17.81 | 4.00 | 5.43 | 8.00 | 6.77 | 6.13 | 54.48 | A. |
| Hampstead | 10.48 | 12.00 | 15.36 | 4.00 | 4.65 | 5.00 | 4.89 | 6.42 | 58.20 | B. |
| Hampstead | 9.23 | 20.00 | 21.50 | 4.00 | 5.09 | 8.00 | 7.03 | 12.16 | 44.99 | As declared on sack |
| Reisterstown | 9.48 | 14.00 | 15.36 | 4.00 | 3.93 | 10.50 | 8.67 | 6.05 | 56.51 | " " |
| Hampstead | 10.89 | 14.00 | 15.18 | 4.00 | 3.45 | 10.50 | 8.13 | 5.68 | 56.67 | " " |
| Reisterstown | 9.75 | 15.00 | 15.53 | 4.00 | 4.07 | 6.00 | 3.59 | 2.77 | 64.29 | " " |
| Hampstead | 10.78 | 15.00 | 15.88 | 4.00 | 4.20 | 6.00 | 3.98 | 3.34 | 61.82 | " " |
| Middleburg | 8.87 | 24.00 | 26.24 | 5.00 | 4.54 | 10.00 | 9.46 | 8.24 | 42.65 | As declared on sack |
| Medford | 10.95 | 16.50 | 16.54 | 4.00 | 4.16 | 10.00 | 12.98 | 6.79 | 48.58 | A. |
| Middleburg | 9.98 | 20.00 | 21.41 | 4.00 | 4.37 | 7.00 | 6.43 | 6.33 | 51.48 | As declared on sack |
| Middleburg | 9.32 | 19.00 | 20.01 | 5.00 | 5.39 | 5.00 | 6.38 | 6.50 | 52.40 | " " |
| Greensboro | 10.87 | ..... | 20.10 | ..... | 4.69 | ..... | 6.53 | 8.72 | 49.09 | " " |
| Woodbine | 6.20 | 21.00 | 24.75 | 5.50 | 4.89 | 18.00 | 17.45 | 4.70 | 42.01 | " " |
| Mt. Airy | 5.91 | 21.00 | 26.76 | 5.50 | 6.59 | 18.00 | 13.03 | 5.21 | 42.50 | " " |
| Pocomoke City | 5.91 | 55.00 | 55.99 | 6.00 | 14.86 | 2.00 | 1.76 | 21.47 | .01 | " " |
| Hampstead | 5.96 | 55.00 | 53.40 | 6.00 | 15.32 | 2.00 | 1.12 | 24.03 | .17 | " " |
| Baltimore | 6.49 | 50.00 | 50.72 | 6.00 | 8.96 | 2.00 | 2.23 | 27.28 | 4.31 | " " |
| New Windsor | 6.72 | 50.00 | 48.71 | 6.00 | 14.55 | 2.00 | 1.31 | 28.30 | .41 | " " |
| Keymar | 6.45 | 50.00 | 47.80 | 6.00 | 15.98 | 2.00 | 1.01 | 28.53 | .23 | " " |
| Annapolis | 7.68 | 13.50 | 16.41 | 3.50 | 5.12 | 14.00 | 11.49 | 7.45 | 51.85 | " " |
| Baltimore | 8.24 | 13.00 | 15.62 | 4.00 | 4.31 | 7.50 | 4.77 | 6.85 | 60.21 | " " |

A—Should be designated as Meat and Bone Scrap.

A—Ingredients on sack differ from license.
B—Also detected Corn Gluten Feed.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Devries R. Hering, Sykesville, Md. | ‡Growing Mash |
| Herrman-McLean Co., Cleveland, Ohio | ‡Compass Scratch Grains |
| Hespenheide & Thompson, York, Pa. | Premier Egg Mash, with BM., Charcoal and Minerals |
| " " " | Premier Growing Mash, with BM. and Cod Liver Oil |
| " " " | Premier Growing Mash, with BM. and Cod Liver Oil |
| " " " | Premier Baby Chick Starter, with Cod Liver Oil |
| " " " | York Scratch Feed |
| J. E. Higman & Sons, Millington, Md. | Pure Wheat Bran |
| " " | Pure Wheat Middlings |
| John P. Howard, Hagerstown, Md. | ‡*Poultry Mash |
| " " | ‡Scratch Grains |
| " " | ‡Pigeon Feed without Corn |
| " " | ‡Pigeon Feed with Corn |
| Smith Hoyle, Boyds, Md. | *Pure Wheat Bran |
| " " | Pure Wheat Middlings |
| Hubbard Milling Co., Mankato, Minn. | ‡Standard Egg Mash |
| " " | ‡Mother Hubbard Wheat Flour Middlings |
| " " " | ‡Standard Chick Starting Mash |
| " " " | ‡Sunshine Scratch Feed |
| Humphreys-Godwin Co., Memphis, Tenn. | Dixie Brand 41% Protein Prime Cottonseed Meal |
| " " | ‡Dixie Brand 41% Protein Prime Cottonseed Meal |
| " " | Dixie Brand 41% Protein Prime Cottonseed Meal |
| Hurlock Milling Co., Hurlock, Md. | Best Quality Laying Mash |
| " " | Best Quality Pig and Hog Meal |
| " " " | Pure Wheat Bran |
| " " " | ‡Wheat Bran, with Ground Screenings Allowed |
| " " " | Pure Wheat Middlings |
| Huston, Culver & Co., Seaford, Del. | Fish Meal |
| Igleheart Bros., Inc., Evansville, Ind. | Wheat Bran |
| J. F. Imbs Milling Co., Belleville, Ill. | Charm Pure Winter Wheat Bran |
| " " | Charm Pure Winter Wheat Bran |
| | Charm Pure Winter Wheat Bran |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Sykesville | 10.18 | 18.00 | **19.39** | 4.50 | **4.88** | 6.00 | **4.23** | 12.38 | 48.94 | As declared on sack |
| Cumberland | 11.39 | 10.00 | **10.09** | 3.00 | **3.20** | 4.00 | **2.67** | 1.40 | 71.25 | B. |
| Parkton | 9.50 | 20.00 | **20.71** | 4.50 | **4.51** | 7.00 | **6.02** | 7.95 | 51.31 | As declared on sack |
| Parkton | 9.52 | 17.00 | **19.48** | 4.50 | **5.37** | 7.00 | **6.43** | 8.78 | 50.42 | " " |
| Melrose | 9.24 | 17.00 | **18.25** | 4.50 | **5.65** | 7.00 | **5.75** | 8.39 | 52.72 | " " |
| Melrose | 9.41 | 16.00 | **18.78** | 4.00 | **4.31** | 4.00 | **4.73** | 8.90 | 53.87 | A. |
| Parkton | 6.84 | 9.00 | **10.71** | 2.50 | **2.07** | 5.00 | **2.65** | 1.57 | 76.16 | As declared on sack |
| Millington | 8.94 | 13.00 | **14.65** | 3.00 | **3.63** | 9.00 | **8.89** | 9.23 | 56.66 | " " |
| Millington | 10.62 | 14.00 | **15.71** | 4.00 | **4.97** | 5.00 | **5.42** | 5.26 | 58.02 | " " |
| Hagerstown | 9.26 | 19.00 | **18.95** | 5.00 | **4.27** | 7.00 | **7.80** | 10.00 | 49.72 | " " |
| Hagerstown | 10.24 | 10.00 | **10.88** | 2.50 | **2.78** | 4.00 | **2.86** | 1.63 | 71.61 | " " |
| Hagerstown | 10.56 | 14.00 | **14.57** | 3.00 | **3.12** | 4.00 | **3.80** | 1.71 | 66.24 | " " |
| Hagerstown | 10.57 | 12.50 | **12.20** | 3.25 | **3.35** | 3.50 | **3.09** | 1.93 | 68.86 | " " |
| Boyds | 8.82 | 14.00 | **15.36** | 4.50 | **3.89** | 9.00 | **7.63** | 5.44 | 58.86 | " " |
| Boyds | 10.50 | 15.00 | **16.06** | 4.00 | **4.01** | 4.00 | **3.81** | 3.18 | 62.44 | " " |
| Cumberland | 8.42 | 17.00 | **18.25** | 5.00 | **6.36** | 7.00 | **6.48** | 6.28 | 54.21 | " " |
| Cumberland | 10.79 | 17.00 | **17.81** | 4.50 | **4.51** | 5.00 | **5.23** | 3.60 | 58.06 | " " |
| Cumberland | 9.73 | 16.00 | **17.99** | 5.00 | **7.24** | 5.00 | **4.79** | 6.63 | 53.62 | " " |
| Cumberland | 10.53 | 9.00 | **9.30** | 2.00 | **2.74** | 5.00 | **2.08** | 1.40 | 73.95 | B. |
| Westminster | 7.29 | 41.00 | **41.94** | 5.00 | **6.27** | 12.00 | **8.94** | 7.62 | 27.94 | As declared on sack |
| Chestertown | 8.05 | 41.00 | **40.19** | 5.00 | **7.73** | 12.00 | **9.77** | 6.48 | 27.78 | " " |
| Gaithersburg | 7.39 | 41.00 | **41.68** | 5.00 | **6.08** | 12.00 | **10.18** | 6.50 | 28.17 | " " |
| Hurlock | 9.28 | 20.50 | **23.17** | 4.95 | **3.80** | 9.62 | **7.33** | 9.67 | 46.75 | A. |
| Hurlock | 9.54 | 20.00 | **20.53** | 4.50 | **4.13** | 8.00 | **5.20** | 8.18 | 52.42 | B. |
| Hurlock | 9.18 | 14.50 | **15.09** | 4.00 | **4.72** | 9.00 | **7.22** | 6.42 | 57.37 | C. |
| Preston | 8.38 | 14.50 | **14.48** | 4.00 | **4.34** | 9.00 | **9.99** | 6.64 | 56.17 | As declared on sack |
| Hurlock | 10.30 | 14.50 | **14.57** | 4.00 | **3.84** | 9.00 | **3.44** | 3.97 | 63.88 | " " |
| Salisbury | 6.56 | 55.00 | **58.18** | 4.00 | **6.58** | 1.00 | **.56** | 19.40 | 8.72 | " " |
| Maple Grove | 8.71 | 13.00 | **16.50** | 3.00 | **4.51** | 12.00 | **8.20** | 6.18 | 55.90 | " " |
| Berlin | 11.70 | 14.00 | **16.15** | 3.50 | **4.67** | 11.00 | **8.84** | 6.87 | 51.77 | D. |
| Berlin | 11.40 | 14.00 | **14.65** | 3.50 | **4.51** | 11.00 | **8.79** | 7.14 | 53.51 | E. |
| Federalsburg | 11.35 | 14.00 | **15.97** | 3.50 | **4.78** | 11.00 | **8.66** | 6.85 | 52.39 | F. |

B—Unable to detect Milo—also detected Barley.
A—Also detected Ground Barley, Charcoal and Calcium Carbonate.
B—Ingredients on sack differ from license.
A—Protein, Fat and Fibre guarantee on sack differ from license.
B—Also detected Ground Oats.
C—Also detected Screenings.
D—Detected 3.86% Screenings.
E—Detected 2.94% Screenings.
F—Detected 4.74% Screenings.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Independent Manufacturing Co., Phila., Pa. | 55% Beef Scrap and Bone |
| " " " | 50% Beef Scrap and Bone |
| " " " | ‡50% Beef Scrap and Bone |
| Ingleside Milling Co., Ingleside, Md. | Laying Mash |
| " " " | Starting and Growing Mash |
| " " " | Pure Wheat Bran |
| " " " | Pure Wheat Midd.ings |
| " " " | Turkey Mash |
| Inl.nd Milling Co., Des Moines, Iowa. | Pure Wheat Bran |
| " " " | Pure F.our Middlings |
| International Milling Co., Minneapolis, Minn. | Blackhawk Wheat Red Dog |
| " " " | Blackhawk Wheat Standard Middlings, with G. S. N. Ex. M. R. |
| Ismert-Hincke Milling Co., Kansas City, Mo. | Pure Wheat Bran |
| W. J. Jennison Co., Minneapolis, Minn. | ‡Sweet Cream Pure Wheat Bran |
| " " " | ‡Sweet Cream Wheat Flour Middlings, with G. S. N. Ex. M. R. |
| Jerusalem Roller Mills, Kingsville, Md. | *Pure Wheat Middlings |
| R. D. Johnson Milling Co., Cumberland, Md.‡ | ‡*Atlas Dairy Ration |
| " " " | ‡Atlas Egg Mash |
| " " " | Atlas Stock Feed |
| " " " | ‡Wheat Bran and Screenings |
| " " " | Wheat Shorts |
| " " " | Pure Corn Chop |
| " " " | ‡*Atlas Scratch Feed |
| Kasco Mills, Inc., Waverly, N. Y. | ‡*32% Mixing Feed |
| " " | ‡26% Mash Supplement |
| " " | Moremilk Dairy Ration |
| " " | ‡OC-SAK 24% Dairy Feed |
| " " | ‡Beatsall Milk Grains |
| " " | ‡16% Dairy Feed |
| " " | ‡16% Dairy Feed |
| " " | Apex Laying Mash |
| " " | OC-SAK Laying Mash |
| " " | OC-SAK Laying Mash |
| " " | ‡Poultry Flushing Mash |
| " " | ‡Poultry Fattener |
| " " | ‡Growing Grains |
| " " | ‡All Mash Growing Food |
| " " | ‡Apex Complete Growing Mash |
| " " | Apex All Mash Starter and Grower |
| " " | Apex All Mash Starter and Grower |
| " " | ‡Horse Feed 85% Grain |
| " " | ‡Calf Meal |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| St. Michaels | 4.94 | 55.00 | 55.02 | 8.00 | 10.46 | 3.00 | 2.30 | 33.47 | ..... | A. |
| St. Michaels | 5.34 | 50.00 | 52.48 | 8.00 | 12.62 | 3.00 | 1.82 | 27.59 | .15 | A. |
| Westover | 6.23 | 50.00 | 52.13 | 8.00 | 10.17 | 3.00 | 1.88 | 29.36 | .23 | As declared on sack |
| Ingleside | 9.83 | 17.00 | 16.67 | 3.50 | 3.85 | 9.50 | 7.86 | 8.77 | 53.02 | " " |
| Ingleside | 10.02 | 17.00 | 16.06 | 4.00 | 4.33 | 6.00 | 3.27 | 7.66 | 58.66 | " " |
| Ingleside | 9.37 | 13.00 | 13.60 | 3.00 | 3.84 | 9.00 | 9.14 | 6.23 | 57.82 | " " |
| Ingleside | 11.65 | 13.00 | 12.02 | 3.50 | 3.48 | 9.50 | 2.26 | 1.86 | 68.73 | " " |
| Ingleside | 8.40 | 20.00 | 21.24 | 4.50 | 5.51 | 10.00 | 7.69 | 12.38 | 44.78 | " " |
| Friendsville | 8.03 | 14.50 | 16.06 | 4.00 | 5.07 | 10.00 | 9.79 | 7.14 | 53.91 | " " |
| Friendsville | 9.93 | 16.50 | 17.11 | 4.00 | 4.75 | 6.00 | 5.24 | 4.27 | 58.70 | " " |
| Baltimore | 11.24 | 16.00 | 20.58 | 3.50 | 4.47 | 4.00 | 2.86 | 3.16 | 57.69 | " " |
| Baltimore | 10.47 | 16.00 | 17.72 | 4.50 | 5.48 | 8.50 | 8.12 | 4.63 | 53.58 | " " |
| Denton | 9.23 | 16.00 | 18.43 | 3.50 | 4.86 | 11.00 | 9.16 | 7.16 | 51.16 | " " |
| Wash. Grove | 9.90 | 15.40 | 16.94 | 4.00 | 5.85 | 12.00 | 9.80 | 6.52 | 50.99 | " " |
| Westminster | 10.75 | 16.00 | 17.90 | 4.00 | 4.84 | 6.00 | 4.21 | 3.92 | 58.38 | " " |
| Kingsville | 8.80 | 14.00 | 13.51 | 3.50 | 2.45 | 6.00 | 3.56 | 2.31 | 69.37 | As declared on sack |
| Cumberland | 9.11 | 22.00 | 18.43 | 4.00 | 5.08 | 12.00 | 9.94 | 8.22 | 49.22 | A. |
| Cumberland | 8.37 | 20.00 | 23.78 | 4.00 | 6.22 | 9.00 | 7.12 | 11.34 | 43.17 | B. |
| Cumberland | 9.88 | 9.00 | 10.44 | 3.00 | 4.79 | 12.00 | 9.68 | 5.83 | 59.38 | C. |
| Cumberland | 8.66 | 16.00 | 17.72 | 4.00 | 5.40 | 9.00 | 10.19 | 6.70 | 51.33 | As declared on sack |
| Cumberland | 9.93 | 17.00 | 16.76 | 5.00 | 4.73 | 6.00 | 7.31 | 5.13 | 56.14 | " " |
| Cumberland | 10.13 | 9.00 | 10.44 | 4.00 | 5.42 | 9.00 | 3.10 | 2.48 | 68.43 | " " |
| Cumberland | 11.78 | 11.50 | 9.65 | 3.46 | 3.12 | 2.48 | 2.93 | 1.67 | 70.85 | " " |
| Annapolis | 10.15 | 32.00 | 30.99 | 5.00 | 5.05 | 10.00 | 8.00 | 7.88 | 37.93 | " " |
| Oakland | 9.23 | 26.00 | 27.03 | 5.00 | 5.28 | 6.50 | 6.68 | 9.40 | 42.38 | " " |
| Cumberland | 9.72 | 24.00 | 26.18 | 4.50 | 4.76 | 10.00 | 8.31 | 7.82 | 43.21 | " " |
| Annapolis | 9.24 | 24.00 | 24.41 | 3.50 | 4.61 | 12.00 | 12.17 | 7.62 | 41.95 | " " |
| Annapolis | 9.35 | 22.00 | 21.78 | 4.50 | 4.80 | 10.00 | 7.75 | 8.38 | 47.94 | " " |
| Oakland | 10.72 | 16.00 | 16.58 | 4.00 | 3.54 | 12.00 | 10.78 | 8.30 | 50.08 | " " |
| Hancock | 10.14 | 16.00 | 15.95 | 4.00 | 4.13 | 12.00 | 12.01 | 10.20 | 47.57 | " " |
| Annapolis | 9.23 | 20.00 | 19.92 | 4.00 | 5.59 | 8.50 | 6.30 | 10.10 | 48.86 | " " |
| Annapolis | 9.87 | 17.00 | 17.46 | 3.50 | 5.17 | 8.50 | 5.67 | 9.98 | 51.85 | " " |
| Annapolis | 9.99 | 17.00 | 17.20 | 3.50 | 5.94 | 8.50 | 5.35 | 9.42 | 52.10 | " " |
| Hancock | 8.00 | 17.00 | 17.90 | 4.00 | 4.91 | 5.50 | 4.81 | 9.30 | 55.08 | " " |
| Oakland | 8.12 | 13.00 | 14.65 | 4.50 | 4.69 | 5.00 | 3.65 | 7.84 | 61.05 | D. |
| Annapolis | 11.22 | 10.00 | 10.18 | 2.50 | 3.73 | 4.00 | 2.30 | 1.87 | 70.70 | As declared on sack |
| Oakland | 10.58 | 14.00 | 15.36 | 4.00 | 4.81 | 5.50 | 5.00 | 6.66 | 57.59 | " " |
| Maple Grove | 10.40 | 14.00 | 16.85 | 4.00 | 5.11 | 8.50 | 5.66 | 6.46 | 55.52 | " " |
| Annapolis | 10.64 | 15.00 | 14.74 | 4.00 | 4.85 | 6.00 | 5.26 | 5.60 | 58.91 | " " |
| Oakland | 9.18 | 15.00 | 16.23 | 4.00 | 4.54 | 6.00 | 4.84 | 6.58 | 58.63 | " " |
| Annapolis | 10.61 | 9.00 | 11.30 | 3.00 | 3.40 | 10.00 | 7.40 | 4.15 | 63.14 | E. |
| Hancock | 8.44 | 21.00 | 22.25 | 3.50 | 4.30 | 4.50 | 4.31 | 7.64 | 53.06 | As declared on sack |

A—Should be labeled Meat Scrap and Bone as other meat tissue beside Beef present.

A—Ingredients and Fat and Fibre guarantee on sack differ from license.
B—Ingredients and Fibre guarantee on sack differ from license. Also detected Charcoal.
C—Unable to detect Barley—also detected Ground Wheat, Weed Seed and Salt.
D—Also detected Linseed Oil Meal.
E—Detected Cracked Corn, Crushed or Crimped Oats, Linseed Oil Meal, Wheat Bran and Molasses.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **Kasco Mills, Inc., Waverly, N. Y.** (Cont.) | All Mash Chick Food |
| " " | Chick Grains |
| " " | ‡Chick Grains |
| " " | Apex Sugared Chop |
| " " | ‡Corn Feed Meal |
| " " | ‡Apex Scratch Grains |
| " " | ‡Turkey Starter and Grower |
| " " | ‡Rabbit Pellets |
| **Keedysville Milling Co. Keedysville, Md.** | Eureka Dairy Feed |
| " " " | *Eureka Laying Mash |
| " " " | *Eureka Growing Mash |
| " " " | *Eureka Starting Mash |
| " " " | Wheat Bran |
| | †Wheat Middlings |
| **Kellogg Co., Battle Creek, Mich.** | White Hominy Feed |
| **L. Kellum & Co., Baltimore, Md.** | ‡Dry Mash |
| " " " | ‡Scratch Grains |
| **Key Grain & Feed Co., Keymar, Md.** | ‡The Key 32% Dairy Ration |
| " " " | ‡The Key Dairy Ration |
| " " " | ‡The Key Laying Mash |
| " " " | ‡The Detour Laying Mash |
| " " " | ‡The Key Growing Mash |
| " " " | ‡The Key Starting Mash |
| " " " | †The Key Pig Meal |
| " " " | The Key Scratch Grains |
| " " " | ‡Pure Corn Meal For Animal Comsumption |
| **Keystone Dairy Co., New York, N. Y.** | ‡Skim Milk Powder |
| **Kimbell-Diamond Milling Co., Fort Worth, Texas** | Wheat Bran and Screenings |
| **King Bros. & Co., Philadelphia, Pa.** | Cottonseed Meal Prime Quality |
| " " | Cottonseed Meal Prime Quality |
| " " | Pure Dried Skim Milk |
| **H. H. King Flour Mills Co., Minneapolis, Minn.** | "Modoc" |
| **King Midas Mill Co., Minneapolis, Minn.** | Cloverleaf Pure Wheat Bran |
| " " " | Wheat Standard Middlings and Ground‡ |
| | Wheat Screenings |
| **Kline Bros., Inc., Boonsboro, Md.** | Pure Winter Wheat Bran |
| " " | Pure Winter Wheat Middlings |
| | Scratch Grains |
| **Chas. F. Knock, Frederick, Md.** | Laying Mash, with DBM |
| " " | Medium Scratch Feed |
| " " | Scratch Feed |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Oakland | 9.88 | 17.00 | **16.32** | 4.00 | **4.95** | 5.50 | **4.71** | 7.28 | 56.86 | As declared on sack |
| Annapolis | 11.45 | 10.00 | **11.58** | 2.50 | **3.18** | 4.00 | **1.51** | 1.65 | 70.63 | " " |
| Oakland | 11.01 | 10.00 | **10.71** | 2.50 | **2.97** | 4.00 | **1.63** | 1.26 | 72.42 | " " |
| Hancock | 9.13 | 7.50 | **8.33** | 3.00 | **3.16** | 12.00 | **12.05** | 9.53 | 56.90 | " " |
| Oakland | 10.73 | 8.00 | **9.30** | 3.75 | **4.13** | 5.00 | **2.64** | 1.75 | 71.45 | " " |
| Hancock | 11.39 | 9.00 | **9.21** | 2.50 | **2.72** | 4.00 | **2.72** | 1.28 | 72.68 | " " |
| Annapolis | 8.41 | 20.00 | **21.94** | 4.00 | **5.05** | 8.00 | **6.61** | 11.88 | 46.11 | " " |
| Cumberland | 7.69 | 13.00 | **15.01** | 3.00 | **3.85** | 11.00 | **6.54** | 7.33 | 59.58 | " " |
| Keedysville | 9.57 | 17.00 | **17.38** | 4.47 | **4.70** | 8.43 | **8.63** | 9.82 | 49.90 | " " |
| Keedysville | 9.01 | 20.00 | **20.80** | 5.00 | **4.26** | 7.00 | **5.59** | 10.48 | 49.86 | " " |
| Keedysville | 11.22 | 17.50 | **17.55** | 5.10 | **4.50** | 5.00 | **4.79** | 8.62 | 53.32 | " " |
| Keedysville | 11.27 | 17.50 | **16.85** | 5.00 | **4.49** | 5.50 | **4.88** | 5.31 | 57.20 | " " |
| Keedysville | 8.99 | 13.50 | **15.36** | 3.20 | **3.95** | 8.35 | **8.54** | 5.92 | 57.24 | " " |
| Keedysville | 11.11 | 14.00 | **12.99** | 3.50 | **2.25** | 3.25 | **1.45** | 1.46 | 70.74 | " " |
| Baltimore | 7.33 | 10.00 | **10.62** | 6.00 | **6.50** | 5.00 | **3.72** | 2.34 | 69.49 | " " |
| Baltimore | 7.70 | 16.00 | **18.95** | 3.50 | **4.04** | 10.00 | **8.80** | 8.16 | 52.35 | " " |
| Baltimore | 10.74 | 10.00 | **10.53** | 3.00 | **3.98** | 5.00 | **3.13** | 1.80 | 69.82 | " " |
| Keymar | 9.05 | 32.00 | **32.34** | 4.75 | **5.42** | 9.00 | **8.92** | 7.41 | 36.86 | A. |
| Keymar | 7.91 | 20.00 | **23.52** | 4.00 | **4.56** | 11.00 | **8.95** | 8.90 | 46.16 | As declared on sack |
| Keymar | 7.64 | 19.00 | **20.45** | 5.00 | **5.09** | 7.00 | **5.22** | 9.39 | 51.67 | " " |
| Keymar | 9.00 | 19.00 | **20.01** | 4.50 | **4.85** | 9.00 | **8.05** | 11.38 | 46.71 | " " |
| Keymar | 9.33 | 16.00 | **17.90** | 4.25 | **4.55** | 7.00 | **5.85** | 8.37 | 54.00 | " " |
| Keymar | 7.89 | 16.00 | **17.64** | 4.50 | **5.14** | 6.00 | **4.58** | 7.34 | 57.41 | " " |
| Keymar | 9.08 | 17.00 | **18.08** | 4.50 | **4.34** | 7.00 | **5.75** | 9.92 | 52.83 | B. |
| Hampstead | 10.22 | 10.00 | **10.53** | 2.75 | **2.69** | 4.00 | **2.24** | 1.67 | 72.65 | As declared on sack |
| Keymar | 12.62 | 9.00 | **9.13** | 4.00 | **3.77** | 3.00 | **2.04** | 1.45 | 70.99 | " " |
| Medford | ..... | 32.00 | **33.78** | .75 | **.81x** | ..... | ..... | 7.93 | ..... | " " |
| Bel Air | 9.28 | 14.50 | **17.55** | 3.50 | **3.87** | 10.00 | **9.27** | 6.00 | 54.03 | C. |
| Easton | 6.64 | 41.00 | **43.35** | 6.00 | **6.75** | 10.00 | **11.35** | 7.21 | 24.70 | " " |
| Centreville | 7.23 | 41.00 | **41.59** | 6.00 | **6.39** | 10.00 | **10.69** | 7.62 | 26.48 | " " |
| Hampstead | ..... | 30.00 | **31.06** | 1.00 | **1.46x** | ..... | ..... | 7.70 | ..... | " " |
| Baltimore | 10.36 | 16.00 | **17.90** | 4.00 | **4.02** | 4.00 | **2.10** | 2.66 | 62.96 | " " |
| Maugansville | 10.32 | 15.00 | **17.99** | 4.00 | **4.43** | 12.00 | **11.37** | 6.55 | 49.34 | " " |
| Baltimore | 10.31 | 15.00 | **17.11** | 4.00 | **5.22** | 9.50 | **8.51** | 4.95 | 53.90 | " " |
| Boonsboro | 9.01 | 14.00 | **15.97** | 4.00 | **5.56** | 9.00 | **12.55** | 6.36 | 50.55 | As declared on sack |
| Boonsboro | 9.88 | 15.00 | **16.06** | 4.00 | **4.33** | 5.00 | **4.55** | 3.80 | 61.38 | " " |
| Gapland | 10.24 | 9.00 | **11.41** | 2.50 | **3.31** | 6.00 | **2.94** | 1.79 | 70.31 | A. |
| Frederick | 10.81 | 18.00 | **19.83** | 3.00 | **5.19** | 10.00 | **4.37** | 6.85 | 52.95 | B. |
| Frederick | 10.64 | 9.00 | **10.97** | 3.00 | **3.20** | 5.00 | **3.03** | 2.16 | 70.00 | As declared on sack |
| Frederick | 11.48 | 9.00 | **10.97** | 3.00 | **3.25** | 5.00 | **2.97** | 2.03 | 69.30 | " " |

X—Fat as determined by the Roese-Gottlieb Method.
A—Ingredients on sack differ from license.
B—Ingredients and Fat guarantee on sack differ from license.
C—Protein guarantee on sack differs from license.
A—Ingredients on sack differ from license. Also detected Oats and Barley.
B—Also detected Ground Oats—unable to detect Corn Gluten Meal.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| H. C. Knoke & Co., Chicago, Ill. | Buckwheat Feed |
| " " | ‡Buckwheat Feed |
| Chas. A. Krause Milling Co., Milwaukee, Wis. | ‡Blue Top Horse Feed |
| " " " | ‡*Badger White Hominy Feed |
| " " " | ‡Blue Top Developing Feed N. G. |
| " " " | ‡*Blue Top Chick Feed N. G. |
| La Grange Mills, Red Wing, Minn. | ‡Fancy Coarse Wheat Bran |
| " " " | Wheat Flour Middlings |
| " " " | ‡Wheat Flour Middlings |
| Lake County Oil Mill, Tiptonville, Tenn. | Prime 41% Cotton Seed Meal |
| Larrowe Milling Co., Detroit, Mich. | Larro-The Ready Ration for Dairy Cows |
| " " | Larro-The Ready Ration for Dairy Cows |
| " " | Larro Egg Mash |
| " " | Larro Egg Mash |
| " " | Larro Broiler Feed |
| " " | Larro Poultry Fattening Feed |
| " " | Larro Growing Mash |
| " " | Larro Growing Grains |
| " " | Larro Calf Meal |
| " " | Larro Pork-Maker |
| " " | Dried Beet Pulp |
| " " | Dried Beet Pulp |
| " " | Dried Beet Pulp |
| " " | Larro Chick Starter |
| " " | Larro Chick Starter |
| " " | Larro Chick Grains |
| " " | Larro Chick Grains |
| " " | Larro Scratch Grains |
| " " | Larro Scratch Grains |
| " " | Larro Turkey Grower |
| Liberty Milling Co., Germantown, Md. | *Montgomery 26% Dairy Feed |
| " " | 22% Dairy Feed |
| " " | Egg Mash |
| " " | Growing Mash |
| " " | Winter Wheat Bran |
| " " | Winter Wheat Bran |
| " " | Winter Wheat Middlings, M. R. S. |
| " " | *Baby Chick Starter |
| " " | Baby Chick Starter |
| " " | Intermediate Scratch Grains |
| " " | Scratch Grains |
| Linwood Elevator Co., Inc., Linwood, Md. | Dairy Feed |
| " " " | Laying Mash |
| " " " | Complete Pig Meal |
| " " " | Pigeon Feed |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Bel Air | 9.27 | 11.00 | 13.60 | 2.00 | 2.97 | 31.00 | 26.34 | 2.50 | 45.32 | As declared on sack |
| Baltimore | 8.28 | 11.00 | 13.16 | 2.00 | 2.83 | 31.00 | 22.71 | 2.44 | 50.58 | " " |
| Baltimore | 10.24 | 10.00 | 12.87 | 1.00 | 2.86 | 16.00 | 9.90 | 4.85 | 59.28 | " " |
| Rising Sun | 7.76 | 10.00 | 9.83 | 6.00 | 4.82 | 5.00 | 2.61 | 2.12 | 72.86 | " " |
| Baltimore | 12.41 | 10.00 | 11.06 | 2.50 | 2.45 | 5.00 | 1.87 | 1.60 | 70.61 | " " |
| Baltimore | 12.87 | 10.00 | 10.53 | 2.50 | 1.73 | 5.00 | 1.40 | 1.10 | 72.37 | " " |
| Barnesville | 9.82 | 15.00 | 16.85 | 4.50 | 5.78 | 13.00 | 10.28 | 6.83 | 50.44 | " " |
| Middleburg | 11.23 | 16.00 | 19.22 | 4.00 | 4.12 | 6.00 | 3.35 | 3.83 | 58.25 | C. |
| Barnesville | 10.12 | 16.00 | 18.52 | 4.00 | 4.17 | 4.50 | 3.18 | 3.14 | 60.87 | D. |
| Hagerstown | 7.04 | 41.00 | 40.98 | 5.50 | 6.86 | 10.00 | 9.89 | 7.50 | 27.73 | " " |
| Baltimore | 9.00 | 20.00 | 21.67 | 4.00 | 4.06 | 12.00 | 10.11 | 6.10 | 49.06 | As declared on sack |
| Silver Spring | 9.22 | 20.00 | 21.76 | 4.00 | 3.85 | 12.00 | 10.09 | 6.11 | 48.97 | " " |
| Baltimore | 8.77 | 19.00 | 20.62 | 5.00 | 5.18 | 7.50 | 5.54 | 12.00 | 47.89 | " " |
| Silver Spring | 9.87 | 19.00 | 19.92 | 5.00 | 5.14 | 7.50 | 5.71 | 11.20 | 48.16 | " " |
| Silver Spring | 9.88 | 15.00 | 16.50 | 4.50 | 5.01 | 7.00 | 5.36 | 8.77 | 54.48 | " " |
| Baltimore | 8.33 | 14.00 | 16.58 | 4.00 | 5.81 | 7.50 | 6.65 | 8.33 | 54.30 | " " |
| Baltimore | 8.97 | 16.00 | 17.29 | 4.50 | 4.80 | 6.50 | 5.11 | 8.90 | 54.93 | " " |
| Baltimore | 10.40 | 10.00 | 11.23 | 2.00 | 2.72 | 3.50 | 1.89 | 1.61 | 72.15 | " " |
| Chestertown | 8.01 | 23.00 | 24.75 | 4.00 | 4.05 | 4.00 | 4.05 | 6.59 | 52.55 | " " |
| Mt. Airy | 8.33 | 25.00 | 27.91 | 5.00 | 6.00 | 10.00 | 8.28 | 13.14 | 36.34 | " " |
| Baltimore | 5.77 | 8.00 | 8.42 | .40 | .39 | 22.00 | 19.88 | 5.05 | 60.49 | " " |
| Baltimore | 9.63 | 8.00 | 9.83 | .40 | .76 | 22.00 | 19.42 | 4.26 | 56.10 | " " |
| Silver Spring | 9.18 | 8.00 | 9.21 | .40 | .40 | 22.00 | 20.01 | 2.70 | 58.50 | " " |
| Baltimore | 9.25 | 16.50 | 17.81 | 4.50 | 4.88 | 5.00 | 4.83 | 7.97 | 55.26 | " " |
| Baltimore | 9.30 | 16.50 | 17.72 | 4.50 | 4.66 | 5.00 | 4.44 | 8.00 | 55.88 | " " |
| Baltimore | 11.60 | 10.00 | 11.23 | 2.00 | 2.38 | 3.50 | 1.93 | 1.94 | 70.92 | " " |
| Silver Spring | 10.78 | 10.00 | 11.41 | 2.00 | 3.32 | 3.50 | 1.84 | 1.26 | 71.39 | " " |
| Baltimore | 11.93 | 10.00 | 10.53 | 2.00 | 3.01 | 3.50 | 2.64 | 1.66 | 70.23 | " " |
| Silver Spring | 9.83 | 10.00 | 11.23 | 2.00 | 2.64 | 3.50 | 2.03 | 2.00 | 72.27 | " " |
| Baltimore | 8.56 | 24.50 | 26.15 | 4.00 | 5.06 | 6.50 | 5.09 | 10.75 | 44.39 | " " |
| Germantown | 9.25 | 26.00 | 26.68 | 5.00 | 4.46 | 9.00 | 9.04 | 6.19 | 44.38 | " " |
| Germantown | 8.74 | 22.00 | 23.43 | 5.00 | 4.71 | 10.00 | 9.64 | 7.60 | 45.88 | A. |
| Germantown | 9.57 | 19.00 | 21.59 | 4.50 | 5.28 | 7.00 | 6.93 | 11.90 | 44.73 | B. |
| Germantown | 9.91 | 18.00 | 19.48 | 4.00 | 5.03 | 6.50 | 5.93 | 9.52 | 50.13 | C. |
| Germantown | 10.74 | 14.00 | 15.45 | 4.00 | 3.90 | 10.50 | 8.84 | 6.34 | 54.73 | D. |
| Baltimore | 8.91 | 14.00 | 15.01 | 4.00 | 4.28 | 10.50 | 8.64 | 6.26 | 56.90 | As declared on sack |
| Germantown | 11.91 | 15.00 | 15.53 | 4.00 | 3.83 | 6.00 | 4.25 | 3.30 | 61.18 | " " |
| Germantown | 10.13 | 14.00 | 12.99 | 4.00 | 3.65 | 3.50 | 2.15 | 7.02 | 64.06 | B. |
| Germantown | 9.53 | 14.00 | 13.69 | 4.00 | 5.06 | 3.50 | 2.37 | 6.33 | 63.02 | B. |
| Germantown | 11.26 | 10.00 | 10.35 | 4.00 | 4.24 | 3.00 | 2.10 | 2.00 | 70.05 | As declared on sack |
| Germantown | 11.45 | 10.00 | 10.00 | 3.50 | 3.33 | 3.00 | 2.40 | 1.48 | 71.34 | A. |
| Linwood | 6.82 | 16.00 | 19.13 | 3.50 | 3.75 | 12.00 | 15.75 | 8.74 | 45.81 | " " |
| Linwood | 7.70 | 18.00 | 21.06 | 4.50 | 4.69 | 8.00 | 8.47 | 9.17 | 48.91 | " " |
| Linwood | 8.90 | 15.00 | 19.31 | 4.50 | 4.43 | 6.00 | 6.62 | 8.12 | 52.62 | " " |
| Linwood | 8.79 | 14.00 | 14.22 | 2.50 | 4.03 | 5.00 | 4.44 | 2.38 | 66.14 | " " |

C—Fibre guarantee on sack differs from license.
D—Protein, Fat and Fibre guarantee on sack differ from license.

▲—Ingredients on sack differ from license.
B—Protein guarantee on sack differs from license.
C—Protein guarantee on sack differs from license. Also detected Ground Wheat.
D—Contains approximately 2% Screenings.

▲—Fat and Fibre guarantee on sack differ from license.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Lone Maple Tree Poultry Farm, Preston, Md.** | Growing Mash |
| " " " | Chick Starter |
| **S. C. Long, Wicomico, Md.** | Pure Wheat Bran |
| " " | †Pure Wheat Middlings |
| **L. B. Lovitt & Co., Memphis, Tenn.** | "Lovit Brand" 43% Cotton Seed Meal |
| " " | "Lovit Brand" 41% Cotton Seed Meal |
| " " | "Lovit Brand" 41% Cotton Seed Meal |
| " " | "Lovit Brand" 41% Cotton Seed Meal |
| " " | *"Lovit Brand" 41% Cotton Seed Meal |
| " " | "Lovit Brand" 41% Cotton Seed Meal |
| " " | "Lovit Brand" 41% Cotton Seed Meal |
| | "Lovit Brand" 41% Cotton Seed Meal |
| **Maple Leaf Milling Co., Ltd., Toronto, Canada** | ‡Rex Wheat Middlings Screenings |
| **Mariana Sales Co., Memphis, Tenn** | ‡White Mule Brand 41% Cottonseed Meal |
| **Maritime Milling Co., Inc., Buffalo, N. Y.** | B. B. Farmers Mixing Feed |
| " " " | *B. B. Hi-Test Dairy Feed 24% Pro Sweetened |
| " " " | B. B. Hi-Test Dairy Feed 24% Pro Sweentened |
| " " " | Sweetened Dollar Maker 24% Protein Dairy Feed |
| " " " | *Sweetened Bull Brand 24% Dairy Ration |
| " " " | B. B. Marmico 16% Protein Dairy Feed, with Molasses |
| " " " | B. B. Marmico 16% Protein Dairy Feed, with Molasses |
| " " " | Dollar Maker Egg Mash |
| " " " | Dollar Maker Egg Mash |
| " " " | B. B. Breeders Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed and DBM |
| " " " | B. B. Breeders Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed and DBM |
| " " " | B. B. Laying Mash, with Sugar Feed and DBM |
| " " " | B. B. Daisy Egg Mash |
| " " " | B. B. Growing Mash Vitamized with Cod Liver Oil, Milk Sugar Feed and DBM |
| " " " | B. B. Daisy All Mash Starter and Growing Feed |
| " " " | B. B. Daisy All Mash Starter and Growing Feed |
| " " " | B. B. Daisy All Mash Starter and Growing Feed |
| " " " | ‡B. B. Pig and Hog Meal, with Minerals |
| " " " | B. B. Chick Starter Vitamized with Cod Liver Oil, Milk, Sugar Feed and DBM |
| " " " | B. B. Daisy Chick Feed |
| " " " | B. B. Scratch Feed |

† Deficient in Protein and Fat.
* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Preston | 9.74 | 15.00 | **16.50** | 3.00 | **4.42** | 6.00 | **4.69** | 5.83 | 58.82 | B. |
| Preston | 9.90 | 15.00 | **15.45** | 3.00 | **3.69** | 6.00 | **6.02** | 6.06 | 58.88 | As declared on sack |
| Wicomico | 10.29 | 14.00 | **14.22** | 4.00 | **3.56** | 10.00 | **8.52** | 5.83 | 57.58 | " " |
| Wicomico | 11.10 | 14.00 | **12.46** | 4.00 | **2.43** | 5.00 | **1.76** | 1.54 | 70.71 | " " |
| Derwood | 8.57 | 43.00 | **44.93** | 6.00 | **7.76** | 10.00 | **7.47** | 7.07 | 24.20 | " " |
| Colora | 4.27 | 41.00 | **40.72** | 6.00 | **6.09** | 10.00 | **9.98** | 7.14 | 31.80 | " " |
| Hagerstown | 5.90 | 41.00 | **41.07** | 6.00 | **6.24** | 10.00 | **9.91** | 7.92 | 28.96 | " " |
| Linwood | 6.58 | 41.00 | **41.16** | 6.00 | **6.25** | 10.00 | **10.61** | 7.20 | 28.20 | " " |
| Thurmont | 6.98 | 41.00 | **39.72** | 6.00 | **6.77** | 10.00 | **12.04** | 6.16 | 28.33 | " " |
| Lewistown | 6.54 | 41.00 | **40.81** | 6.00 | **7.37** | 10.00 | **9.76** | 7.58 | 27.94 | " " |
| Hagerstown | 7.25 | 41.00 | **40.98** | 6.00 | **6.34** | 10.00 | **9.29** | 7.87 | 28.27 | " " |
| Reid | 6.82 | 41.00 | **41.24** | 6.00 | **6.59** | 10.00 | **8.77** | 7.82 | 28.76 | " " |
| Baltimore | 10.00 | 16.00 | **18.52** | 5.00 | **6.17** | 7.50 | **7.39** | 4.14 | 53.78 | As declared on sack |
| Westminster | 7.78 | 41.00 | **41.33** | 6.00 | **6.41** | 10.00 | **10.53** | 6.64 | 27.31 | " " |
| Federalsburg | 10.13 | 32.00 | **32.64** | 5.00 | **4.62** | 10.00 | **8.09** | 8.18 | **36.34** | " " |
| Baltimore | 8.98 | 24.00 | **22.84** | 4.50 | **4.77** | 12.00 | **10.89** | 7.81 | 44.71 | " " |
| Gaithersburg | 9.31 | 24.00 | **23.96** | 4.50 | **4.43** | 12.00 | **8.70** | 7.14 | 46.46 | " " |
| Federalsburg | 9.66 | 24.00 | **24.42** | 3.50 | **3.92** | 12.00 | **8.78** | 7.30 | 45.92 | " " |
| Baltimore | 10.05 | 24.00 | **25.00** | 4.50 | **3.97** | 11.00 | **7.85** | 8.01 | 45.12 | " " |
| Baltimore | 11.37 | 16.00 | **19.27** | 4.00 | **4.28** | 12.00 | **10.20** | 8.56 | 46.32 | " " |
| Gaithersburg | 10.31 | 16.00 | **16.77** | 4.00 | **3.89** | 12.00 | **10.78** | 8.56 | 49.69 | " " |
| Federalsburg | 9.49 | 17.00 | **17.29** | 3.50 | **6.29** | 9.00 | **7.52** | 9.00 | 50.41 | " " |
| Norbeck | 10.69 | 17.00 | **19.22** | 3.50 | **4.85** | 9.00 | **6.86** | 9.76 | 48.62 | " " |
| Federalsburg | 9.28 | 20.00 | **20.53** | 4.50 | **5.92** | 7.00 | **7.07** | 10.38 | 46.82 | " " |
| Baltimore | 10.09 | 20.00 | **20.80** | 4.50 | **6.25** | 7.00 | **7.16** | 10.53 | 45.17 | " " |
| Baltimore | 10.27 | 20.00 | **20.97** | 4.50 | **5.76** | 7.00 | **6.90** | 10.21 | 45.89 | " " |
| Baltimore | 10.82 | 18.00 | **19.66** | 3.50 | **6.26** | 7.00 | **6.87** | 8.82 | 47.57 | " " |
| Federalsburg | 10.70 | 16.00 | **16.15** | 4.50 | **6.17** | 7.00 | **6.56** | 7.45 | 52.97 | " " |
| Federalsburg | 9.08 | 15.00 | **16.41** | 3.50 | **5.34** | 7.00 | **5.63** | 7.77 | 55.77 | As declared on sack |
| Baltimore | 10.37 | 15.00 | **15.36** | 3.50 | **5.18** | 7.00 | **6.18** | 7.28 | 55.63 | " " |
| Baltimore | 10.10 | 15.00 | **15.97** | 3.50 | **5.29** | 7.00 | **6.70** | 7.40 | 54.54 | " " |
| Baltimore | 9.47 | 18.00 | **19.92** | 4.00 | **6.42** | 8.00 | **8.42** | 9.90 | 45.87 | " " |
| Baltimore | 10.25 | 18.00 | **18.08** | 4.00 | **5.23** | 5.00 | **5.26** | 7.02 | 54.16 | " " |
| Baltimore | 12.52 | 10.00 | **10.88** | 2.00 | **2.79** | 4.00 | **1.54** | 1.65 | 70.62 | A. |
| Baltimore | 12.73 | 10.00 | **10.08** | 2.50 | **2.66** | 4.00 | **3.11** | 1.46 | 69.96 | As declared on sack |

B—Ingredients on sack differ from license.
A—Also detected Cut or Cracked Peas.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Maritime Milling Co., Inc., Buffalo, N. Y.** (Continued) | B. B. Daisy Scratch Feed |
| " " " | ‡*B. B. Pigeon Feed |
| | ‡B. B. Rabbit Feed (Pellets) Vitamized with Cod Liver Oil and DBM. |
| **Earl Martin, Reid, Md.** | Reid Dairy Feed |
| **Maryland Cereal Co., Baltimore, Md.** | "American" Laying Mash, with BM. |
| " " " | ‡"American" Scratch Feed |
| **C. W. McFadden & Sons, Pylesville, Md.** | Laying Mash |
| " " " | *Pure Wheat Bran |
| " " " | *Pure Wheat Middlings |
| " " " | Pure Corn Meal |
| **Henry Mesner & Son, Baltimore, Md.** | ‡E-Z-Fed Laying Mash, with BM., Cod Liver Oil and Minerals |
| " " " | ‡E-Z-Fed Baby Chick Starter, with BM., Cod Liver Oil and Minerals |
| " " " | ‡E-Z-Fed Scratch Feed |
| **Metcalfe Bros., Chestertown, Md.** | ‡Chester 32% Dairy Feed |
| " " | ‡Chester 20% Dairy Feed |
| " " | ‡Chester Poult Mash |
| " " | ‡Chester Laying Mash |
| **Leo. H. Michael, Buckeystown, Md.** | ‡Laying Mash |
| **B. K. Miller, Clinton, Md.** | ‡Economy Egg Mash |
| **John G. Miller, Baltimore, Md.** | Meat and Bone Scrap |
| " " | ‡Meat and Bone Scrap |
| " " | Meat and Bone Scrap |
| " " | Meat and Bone Scrap |
| **Minneapolis Milling Co., Minneapolis, Minn.** | ‡Golden Pure Durum Wheat Flour Middlings |
| **Mt. Airy Milling Co., Mt. Airy Md.** | Lamore Egg Mash |
| " " " | Husky Growing Mash |
| " " " | Husky Starter Mash |
| " " " | Winter Wheat Bran M. R. S. |
| " " " | Winter Wheat Middlings M. R. S. |
| " " " | Lamore Scratch Feed |
| **Mutual Products Co., Minneapolis, Minn.** | Mutual Compound |
| **Mutual Rendering Co., Inc., Philadelphia, Pa.** | Mureco 55% Meat Scrap |
| " " " | Mureco 55% Meat Scrap |
| " " " | Mureco 50% Meat and Bone |
| " " " | Mureco 50% Meat and Bone |
| " " " | Mureco 45% Meat and Bone |
| " " " | Mureco 45% Meat and Bone |
| " " " | Mureco 45% Meat and Bone |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Norbeck | 12.23 | 9.00 | **11.23** | 2.50 | **2.61** | 5.00 | **2.42** | 1.84 | 69.67 | As declared on sack |
| Baltimore | 11.45 | 11.00 | **15.36** | 4.00 | **2.66** | 4.00 | **3.83** | 2.32 | 64.38 | " " |
| Federalsburg | 10.00 | 12.00 | **17.11** | 2.50 | **4.68** | 12.00 | **6.62** | 7.67 | 53.92 | " " |
| Reid | 9.69 | 16.00 | **18.80** | 3.00 | **6.83** | 15.00 | **12.50** | 7.72 | 44.46 | B. |
| Baltimore | 9.67 | 20.00 | **21.15** | 4.00 | **6.25** | 9.00 | **4.69** | 7.40 | 50.84 | As declared on sack |
| Hyattsville | 11.90 | 9.00 | **9.65** | 2.50 | **3.43** | 5.00 | **2.24** | 1.51 | 71.27 | " " |
| Pylesville | 9.74 | 20.00 | **20.45** | 5.00 | **5.02** | 6.00 | **5.38** | 2.14 | 57.27 | " " |
| Pylesville | 10.34 | 13.00 | **15.18** | 4.50 | **3.54** | 5.50 | **8.15** | 5.30 | 57.49 | " " |
| Pylesville | 10.90 | 14.00 | **15.97** | 5.00 | **4.03** | 6.00 | **3.06** | 3.03 | 63.01 | " " |
| Pylesville | 10.75 | 9.00 | **9.39** | 3.00 | **3.48** | 3.00 | **1.89** | 1.10 | 73.39 | " " |
| Baltimore | 8.42 | 20.00 | **21.59** | 4.00 | **5.58** | 7.00 | **5.93** | 13.20 | 45.28 | As declared on sack |
| Baltimore | 10.08 | 14.00 | **13.86** | 4.00 | **4.89** | 5.00 | **3.38** | 8.16 | 59.63 | " " |
| Baltimore | 11.85 | 10.00 | **10.09** | 2.50 | **2.71** | 5.00 | **2.48** | 1.42 | 71.45 | " " |
| Chestertown | 6.91 | 32.00 | **33.70** | 4.00 | **4.96** | 10.00 | **9.20** | 8.35 | 36.88 | " " |
| Chestertown | 6.71 | 20.00 | **20.45** | 4.00 | **4.19** | 10.00 | **8.73** | 5.50 | 54.42 | " " |
| Chestertown | 7.64 | 20.00 | **22.90** | 5.00 | **5.95** | 14.00 | **8.57** | 12.18 | 42.76 | A. |
| Chestertown | 7.19 | 20.00 | **20.62** | 5.00 | **5.54** | 10.00 | **8.25** | 12.06 | 46.34 | A. |
| Buckeystown | 9.91 | 18.00 | **21.67** | 5.00 | **5.31** | 12.00 | **6.49** | 10.33 | 46.29 | As declared on sack |
| Clinton | 8.30 | 18.00 | **17.20** | 4.50 | **4.57** | 8.00 | **9.93** | 8.58 | 51.42 | " " |
| Baltimore | 5.59 | 55.00 | **61.16** | 5.00 | **10.02** | 3.00 | **1.94** | 21.22 | .07 | " " |
| Jerusalem | 5.52 | 55.00 | **57.37** | 8.00 | **9.54** | 3.00 | **1.56** | 24.24 | 1.77 | B. |
| Hampstead | 5.04 | 55.00 | **55.90** | 8.00 | **8.19** | 3.00 | **1.68** | 26.80 | 2.39 | B. |
| Hampstead | 5.13 | 55.00 | **56.34** | 8.00 | **10.20** | 3.00 | **1.72** | 26.47 | .14 | B. |
| Hampstead | 10.20 | 16.00 | **18.25** | 5.50 | **5.68** | 7.50 | **5.32** | 3.85 | 56.70 | " " |
| Mt. Airy | 7.88 | 19.00 | **21.94** | 5.50 | **5.17** | 8.00 | **7.34** | 10.47 | 47.20 | " " |
| Mt. Airy | 8.64 | 18.00 | **19.13** | 4.00 | **5.53** | 7.00 | **6.97** | 7.94 | 51.79 | " " |
| Mt. Airy | 9.03 | 15.00 | **15.62** | 4.00 | **5.44** | 6.00 | **3.62** | 5.03 | 61.26 | " " |
| Mt. Airy | 9.21 | 15.00 | **17.02** | 4.00 | **3.98** | 10.50 | **8.06** | 6.26 | 55.47 | " " |
| Mt. Airy | 10.78 | 16.00 | **16.23** | 4.00 | **3.99** | 6.00 | **3.53** | 4.00 | 61.47 | " " |
| Mt. Airy | 11.01 | 10.00 | **10.18** | 3.00 | **2.66** | 4.00 | **2.12** | 1.34 | 72.69 | " " |
| Greensboro | 9.08 | 15.00 | **18.60** | 3.50 | **3.48** | 3.00 | **2.48** | 8.47 | 57.89 | A. |
| Cambridge | 5.68 | 55.00 | **55.02** | 6.00 | **10.16** | 2.00 | **3.16** | 25.74 | .24 | As declared on sack |
| Denton | 5.73 | 55.00 | **56.69** | 6.00 | **10.37** | 2.00 | **1.88** | 22.76 | 2.57 | " " |
| Cambridge | 10.66 | 50.00 | **50.55** | 6.00 | **9.70** | 2.00 | **1.93** | 31.98 | ..... | " " |
| Denton | 6.07 | 50.00 | **51.95** | 6.00 | **10.30** | 2.00 | **1.43** | 27.50 | 2.75 | " " |
| Denton | 5.40 | 45.00 | **45.46** | 6.00 | **8.88** | 2.00 | **1.39** | 38.60 | .27 | " " |
| Denton | 6.01 | 45.00 | **47.83** | 6.00 | **10.16** | 2.00 | **1.58** | 33.09 | 1.33 | " " |
| Queen Anne | 6.08 | 45.00 | **48.00** | 6.00 | **9.76** | 2.00 | **1.76** | 31.25 | 3.15 | " " |

**B—Ingredients and Fibre guarantee on sack differ from license.**

**A—Ingredients on sack differ from license.**
**B—Fat guarantee on sack differs from license.**

**A—Fibre guarantee on sack differs from license.**

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **Mutual Rendering Co., Inc., Phila., Pa.,**(Cont.) | Mureco Dried Skim Milk |
| " " " | Mureco Dried Buttermilk |
| **C. W. Myers, Leitersburg, Md.** | Pure Wheat Bran |
| " " | ‡†Pure Wheat Middlings |
| **National Milling Co., Toledo, Ohio** | *Tolio |
| **Nebraska Consolidated Mills Co., Omaha, Neb.** | ‡Pure Wheat Bran |
| **New Richmond Roller Mills Co., New Richmond, Wis.** | ‡Feeding Oatmeal |
| **Newsome Feed & Grain Co., Pittsburgh, Pa.** | Palmo Midds |
| **O. A. Newton & Son, Bridgeville, Del.** | "Cedar View" Laying Mash |
| " " | "Cedar View" Special Growing Mash |
| " " | "Cedar View" All-Mash Chick Starter |
| **Northern Illinois Cereal Co., Lockport, Ill.** | †Reground Oat Feed |
| **Northwestern Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn.** | Wheat Standard Middlings, with G. S. N. Ex. M. R. |
| **Northwestern Elevator & Mill Co., Toledo, O.** | Taylor's Wheat Middlings, with M. R. S. |
| **Norton & Co., Washington, D. C.** | Meat and Bone Scrap |
| " " | *Meat and Bone Scrap |
| **Nowak Millings, Corp., Hammond, Ind.** | Marathon Laying Mash |
| " " | Domino Egg Pel-ets |
| " " | Domino Egg Pel-ets |
| " " | Domino Duo-fold Pel-ets |
| " " | Domino Duo-fold Pel-ets |
| " " | Domino Growing Pel-ets |
| " " | Domino All Mash Starter and Grower |
| " " | Domino 18% Pig Meal |
| " " | Domino Chick Pel-ets |
| " " | Domino Chick Pel-ets |
| " " | Export Scratch Feed |
| " " | Fidelity Scratch Feed |
| " " | Marathon Scratch Feed |
| " " | Domino Pigeon Feed |
| " " | Domino All-In-One Rab-ets |
| " " | Domino Rabbit Pel-ets |
| **Nuttle Milling Co., Denton, Md.** | Ideal Laying Mash, with Cod Liver Oil |
| " " | Ideal Growing Mash, with Cod Liver Oil and BM |
| " " | Pure Wheat Middlings |
| " " | Pure Wheat Bran |
| " " | Ideal Chick Starter, with Cod Liver Oil and BM |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Denton | ..... | 32.00 | 32.56 | .50 | 1.00x | ..... | ..... | 9.95 | ..... | As declared on sack |
| Cambridge | ..... | 30.00 | 34.40 | 5.00 | 5.64x | ..... | ..... | 9.23 | ..... | " " |
| Leitersburg | 10.28 | 14.00 | 15.62 | 4.00 | 3.81 | 10.00 | 9.18 | 7.06 | 54.05 | " " |
| Leitersburg | 10.38 | 15.00 | 14.22 | 4.50 | 2.95 | 4.00 | 1.37 | 1.77 | 69.31 | " " |
| New Windsor | 9.06 | 16.00 | 14.92 | 3.50 | 3.69 | 6.00 | 4.55 | 3.05 | 64.75 | B. |
| Lewistown | 8.23 | 15.50 | 17.11 | 3.50 | 4.33 | 11.00 | 9.12 | 7.40 | 53.81 | " " |
| Chestertown | 9.84 | 15.00 | 17.02 | 5.00 | 4.78 | 3.75 | 3.62 | 4.01 | 60.73 | " " |
| Westminster | 5.89 | 16.00 | 16.15 | 7.00 | 10.98 | 9.00 | 6.28 | 4.83 | 55.87 | " " |
| Hurlock | 9.77 | 18.00 | 19.39 | 4.00 | 4.69 | 7.50 | 5.54 | 9.50 | 51.11 | A. |
| Hurlock | 9.52 | 15.00 | 16.67 | 3.50 | 4.81 | 6.00 | 4.67 | 9.14 | 55.19 | As declared on sack |
| Hurlock | 9.63 | 15.00 | 16.85 | 3.00 | 5.01 | 5.00 | 4.03 | 7.87 | 56.61 | A. |
| Hagerstown | 5.54 | 3.50 | 2.72 | 1.25 | .80 | 35.00 | 34.39 | 7.47 | 49.08 | As declared on sack |
| Baltimore | 10.22 | 15.00 | 17.81 | 4.00 | 5.56 | 9.50 | 8.11 | 4.81 | 53.49 | " " |
| Hagerstown | 9.20 | 16.00 | 16.67 | 4.00 | 4.22 | 8.00 | 6.50 | 4.92 | 58.49 | " " |
| Gaithersburg | 5.99 | 50.00 | 50.20 | 10.00 | 12.31 | 2.00 | 1.87 | 27.34 | 2.29 | " " |
| Hyattsville | 7.06 | 50.00 | 48.27 | 10.00 | 12.61 | 2.00 | 1.80 | 28.90 | 1.36 | " " |
| Baltimore | 9.32 | 18.00 | 17.55 | 4.00 | 5.03 | 7.50 | 6.73 | 6.84 | 54.53 | " " |
| Sykesville | 8.70 | 20.00 | 20.62 | 4.50 | 6.03 | 7.50 | 5.82 | 7.72 | 51.11 | " " |
| Baltimore | 8.78 | 20.00 | 21.67 | 4.50 | 5.90 | 7.50 | 5.74 | 7.34 | 50.57 | " " |
| Sykesville | 8.55 | 15.00 | 17.38 | 4.50 | 5.80 | 6.50 | 6.21 | 6.44 | 55.62 | " " |
| Baltimore | 8.54 | 15.00 | 16.50 | 4.50 | 5.53 | 6.50 | 5.82 | 5.67 | 57.94 | " " |
| Ellicott City | 8.50 | 15.00 | 15.97 | 4.50 | 5.48 | 5.50 | 5.42 | 6.78 | 57.85 | " " |
| Hagerstown | 11.09 | 18.00 | 18.78 | 4.50 | 4.50 | 5.00 | 3.62 | 9.94 | 52.07 | " " |
| Hagerstown | 10.68 | 18.00 | 18.28 | 4.50 | 4.57 | 7.50 | 6.25 | 12.97 | 47.25 | " " |
| Ellicott City | 9.28 | 16.00 | 17.11 | 4.00 | 5.12 | 5.00 | 4.76 | 7.30 | 56.43 | " " |
| Baltimore | 6.47 | 16.00 | 17.46 | 4.00 | 5.73 | 5.00 | 4.77 | 7.76 | 57.81 | " " |
| Baltimore | 11.21 | 9.00 | 10.53 | 2.00 | 2.77 | 5.00 | 2.48 | 1.53 | 71.48 | " " |
| Baltimore | 11.09 | 10.00 | 10.71 | 2.00 | 3.38 | 4.00 | 2.60 | 1.58 | 70.64 | " " |
| Sykesville | 11.23 | 9.00 | 10.44 | 2.00 | 2.92 | 5.00 | 2.40 | 1.44 | 71.57 | A. |
| Sykesville | 10.04 | 14.00 | 13.95 | 2.50 | 2.16 | 5.00 | 3.43 | 2.09 | 68.33 | As declared on sack |
| Baltimore | 8.77 | 12.00 | 12.55 | 3.00 | 3.71 | 16.50 | 14.73 | 7.37 | 52.87 | " " |
| Baltimore | 9.76 | 12.00 | 12.90 | 4.00 | 4.68 | 10.00 | 8.57 | 7.60 | 56.49 | " " |
| Denton | 8.61 | 20.00 | 20.45 | 5.00 | 5.62 | 8.00 | 6.85 | 8.71 | 49.76 | " " |
| Denton | 10.55 | 15.00 | 16.23 | 4.00 | 4.46 | 6.00 | 4.10 | 8.88 | 55.78 | " " |
| Denton | 10.88 | 12.00 | 12.90 | 2.00 | 2.45 | 4.00 | 1.74 | 1.42 | 70.61 | " " |
| Denton | 9.62 | 13.00 | 14.39 | 3.00 | 3.60 | 7.00 | 6.73 | 5.40 | 60.26 | " " |
| Denton | 9.73 | 15.00 | 16.32 | 4.50 | 4.55 | 5.00 | 3.73 | 5.82 | 59.85 | " " |

X—Fat as determined by the Roese-Gottlieb Method.
B—Protein guarantee on sack differs from license.
A—Also detected Ground Wheat.
A—Also detected Cracked Peas.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Nuttle Milling Co., Denton, Md.**, (Cont.) | Ideal Hog Feed |
| " " | Ideal Scratch Feed |
| " " | Ideal Turkey Mash, with Cod Liver Oil and BM |
| **Geo. F. Obrecht, Inc., Baltimore, Md.** | Laying Mash |
| " " " | ‡Laying Mash |
| " " " | Chick Feed |
| **P. Fred'k. Obrecht & Son, Baltimore, Md.** | ‡24% Dairy Ration |
| " " " | ‡Hood 16½% Dairy Ration |
| " " " | ‡Laying Mash, with DBM |
| " " " | ‡Laying Mash, with DBM |
| " " " | Laying Mash, with DBM |
| " " " | ‡Growing Mash, with DBM |
| " " " | ‡Horse Feed, with Molasses 85% |
| " " " | ‡Bulky Silage |
| " " " | ‡Red Arrow Flour Middlings |
| " " " | ‡Starting Chick, with DBM |
| " " " | ‡Starting Chick, with DBM |
| " " " | ‡Developer Chick Grains |
| " " " | ‡Chick Grains |
| " " " | ‡Chick Grains |
| " " " | ‡Scratch Feed |
| " " " | Scratch Feed |
| **Otterdal Milling Co., Taneytown, Md.** | Pure Wheat Bran |
| " " " | Pure White Midd.ings |
| **Owings Bros., York, Pa.** | June Bug 22% Dairy Feed |
| " " | ‡June Bug Supplement Mash |
| " " | June Bug Laying Mash |
| " " | June Bug Baby Chick Starter, with Oil |
| | ‡June Bug Baby Chick Starter |
| **Horace G. Payne, Snow Hill, Md.** | Laying Mash |
| " " | Wheat Bran |
| " " | †Wheat Middlings |
| **Pecos Valley Alfalfa Mill Co., Hagerman, N.M.** | Peevee Alfalfa Leaf Meal |
| " " " | ‡Peevee Alfalfa Leaf Meal |
| " " " | Alfalfa Meal |
| | ‡Alfalfa Meal |
| **Penick & Ford Ltd., Inc., Cedar Rapids, Iowa.** | Douglas Corn Gluten Feed |
| **Perkins Oil Co., Memphis, Tenn.** | ‡Goldenrod Brand Cotton Seed Meal |
| **Pillsbury Flour Miols Co., Minneapolis, Minn.** | Hard Wheat Bran and Screenings |
| " " " | Wheat Bran and Screenings |
| " " " | Hard Wheat A. Middlings and Screenings |

† Deficient in Protein and Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Denton | 11.09 | 12.00 | 15.80 | 5.00 | 5.17 | 6.00 | 4.19 | 6.07 | 57.68 | As declared on sack |
| Denton | 11.30 | 9.00 | 10.18 | 2.50 | 2.73 | 4.00 | 3.51 | 1.26 | 71.02 | B. |
| Denton | 8.88 | 18.00 | 18.25 | 4.50 | 7.39 | 8.00 | 6.84 | 9.34 | 49.30 | " " |
| Baltimore | 9.39 | 20.00 | 22.55 | 4.00 | 6.25 | 9.00 | 6.03 | 10.73 | 45.05 | " " |
| Baltimore | 9.63 | 20.00 | 20.71 | 4.00 | 5.85 | 9.00 | 6.73 | 12.33 | 44.75 | " " |
| Baltimore | 10.85 | 10.00 | 11.41 | 2.00 | 2.79 | 5.00 | 1.69 | 1.56 | 71.70 | " " |
| N. Linthicum | 8.16 | 24.00 | 23.34 | 3.50 | 5.38 | 12.00 | 7.86 | 6.34 | 48.92 | A. |
| N. Linthicum | 11.88 | 16.50 | 18.20 | 3.00 | 3.42 | 12.00 | 10.73 | 10.15 | 45.62 | A. |
| N. Linthicum | 10.01 | 20.00 | 20.80 | 4.00 | 5.15 | 8.00 | 5.03 | 8.36 | 50.65 | A. |
| Baltimore | 9.43 | 20.00 | 20.71 | 4.00 | 5.18 | 8.00 | 4.87 | 8.53 | 51.28 | A. |
| Baltimore | 9.01 | 20.00 | 20.71 | 4.00 | 5.12 | 8.00 | 5.42 | 7.74 | 52.00 | B. |
| N. Linthicum | 9.13 | 18.00 | 20.36 | 3.50 | 4.00 | 8.00 | 5.28 | 8.37 | 52.86 | A. |
| N. Linthicum | 10.43 | 9.00 | 10.31 | 3.00 | 3.71 | 9.00 | 8.40 | 4.01 | 63.05 | As declared on sack |
| Medford | 10.49 | 8.00 | 10.71 | 1.00 | 2.62 | 30.00 | 12.69 | 11.64 | 51.85 | C. |
| N. Linthicum | 10.43 | 14.00 | 15.88 | 3.00 | 3.18 | 5.00 | 4.80 | 4.08 | 61.63 | D. |
| N. Linthicum | 9.43 | 14.00 | 16.23 | 4.00 | 4.48 | 5.00 | 7.58 | 4.50 | 57.78 | E. |
| Baltimore | 9.45 | 14.00 | 15.45 | 4.00 | 4.35 | 5.00 | 6.88 | 4.90 | 58.97 | F. |
| Medford | 8.75 | 9.00 | 9.92 | 2.00 | 4.14 | 4.00 | 2.21 | 2.16 | 72.82 | As declared on sack |
| N. Linthicum | 10.33 | 9.00 | 12.29 | 2.00 | 1.97 | 4.00 | 2.78 | 2.54 | 70.09 | H. |
| Medford | 8.11 | 9.00 | 11.76 | 2.00 | 2.26 | 4.00 | 3.41 | 2.36 | 72.10 | H. |
| N. Linthicum | 11.46 | 9.00 | 10.71 | 2.00 | 2.49 | 4.00 | 2.59 | 1.60 | 71.15 | I. |
| Baltimore | 11.53 | 9.00 | 11.41 | 2.00 | 3.00 | 4.00 | 2.79 | 2.04 | 69.23 | J. |
| Taneytown | 7.66 | 16.00 | 16.23 | 3.50 | 3.21 | 9.50 | 10.43 | 7.06 | 55.41 | As declared on sack |
| Taneytown | 9.62 | 15.00 | 16.67 | 2.50 | 4.56 | 3.00 | 4.94 | 4.52 | 59.69 | " " |
| Parkton | 9.35 | 22.00 | 22.82 | 4.00 | 4.12 | 11.00 | 10.43 | 7.93 | 45.35 | " " |
| Manchester | 8.27 | 26.00 | 26.76 | 4.00 | 6.50 | 5.00 | 6.05 | 17.83 | 34.59 | " " |
| Manchester | 7.84 | 20.00 | 22.29 | 4.00 | 6.17 | 9.00 | 6.81 | 12.36 | 44.53 | " " |
| Parkton | 11.06 | 14.00 | 15.18 | 4.00 | 5.16 | 4.00 | 2.87 | 5.30 | 60.43 | " " |
| Parkton | 11.36 | 14.00 | 15.27 | 4.00 | 4.49 | 4.00 | 2.83 | 6.22 | 59.83 | |
| Snow Hill | 9.85 | 19.00 | 19.48 | 4.50 | 4.95 | 7.00 | 5.42 | 9.49 | 50.81 | " " |
| Snow Hill | 8.90 | 14.00 | 15.27 | 3.50 | 4.51 | 10.00 | 7.83 | 6.22 | 57.27 | " " |
| Snow Hill | 11.36 | 14.00 | 12.64 | 3.50 | 2.38 | 10.00 | 1.03 | 3.89 | 68.70 | " " |
| Frederick | 10.31 | 20.00 | 20.45 | 2.50 | 3.13 | 18.00 | 15.95 | 12.67 | 37.49 | " " |
| Denton | 7.80 | 20.00 | 21.94 | 2.50 | 2.91 | 18.00 | 12.23 | 19.34 | 35.78 | " " |
| Germantown | 7.00 | 13.00 | 12.99 | 1.50 | 1.53 | 33.00 | 34.41 | 8.86 | 35.21 | " " |
| Denton | 7.17 | 13.00 | 11.93 | 1.50 | 1.74 | 33.00 | 33.50 | 7.76 | 37.90 | " " |
| Chestertown | 11.64 | 25.00 | 29.22 | 1.50 | 1.90 | 8.50 | 7.15 | 7.02 | 43.07 | " " |
| Rising Sun | 4.72 | 41.00 | 40.98 | 6.00 | 6.09 | 10.00 | 11.84 | 6.99 | 29.38 | " " |
| Frederick | 9.24 | 14.00 | 17.29 | 4.00 | 5.15 | 12.00 | 10.24 | 6.60 | 51.48 | " " |
| Baltimore | 9.29 | 14.50 | 17.99 | 3.50 | 4.48 | 10.00 | 8.42 | 6.61 | 53.21 | " " |
| Brunswick | 10.95 | 16.00 | 18.60 | 4.00 | 4.73 | 6.00 | 4.12 | 3.33 | 58.27 | " " |

B—Protein, Fat and Fibre guarantee on sack differ from license.
A—Ingredients on sack differ from license.
B—Unable to detect Corn Gluten Feed.
C—Also detected Molasses and appreciable quantities of Whole Weed Seed.
D—Also detected Ground Screenings.
E—Also detected Cake Bakery Refuse—unable to detect Corn Gluten Feed.
F—Unable to detect Corn Gluten Feed.
H—Unable to detect Steel Cut Oats.
I—Unable to detect Buckwhaet—Also detected Oats and 2.70% Weed Seed mostly Cockle.
J—Unable to detect Buckwheat—also detected 3.73% Weed Seed mostly Cockle.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Maurice Pincoffs Co., Houston, Texas | 41% Protein Cotton Seed Meal |
| " " " | Finco Cotton Seed Meal |
| Pittsburgh Melting Co., Pittsburgh, Pa. | Steel City Meat and Bone Scrap |
| Pittsburgh Provision & Packing Co., Pittsburgh, Pa. | Keystone Beef Scrap Meat and Bone |
| Planters Cotton Oil Co., Dallas, Texas | Golden Rod Brand Cottonseed Cake and Meal |
| Planters Nut & Chocolate Co., Suffolk, Va. | "41" Peanut Meal |
| " " " | "41" Peanut Meal |
| Pratt Food Co., Hammond, Ind. | Sweet 32% Dairy Feed |
| " " | B-P Dairy Feed |
| " " | Sweet 20% Dairy Feed |
| " " | CAK-CAK Egg Mash, with BM. and Fish Meal |
| " " | Laying Mash, with BM. |
| " " | Broiler Mash, with BM. |
| " " | Broiler Mash, with BM. |
| " " | ‡Iroquois Broiler Finishing Mash |
| " " | ‡Sugared Oat Feed |
| " " | Horse Feed |
| " " | Utility Horse Feed |
| " " | ‡Oat Feed |
| " " | Baby Chick Food, with BM. |
| " " | Baby Chick Food, with BM. |
| " " | ‡Circle A. Chick Scratch Feed |
| " " | Chick Scratch Feed |
| " " | Chick Scratch Feed |
| " " | All Mash Chick Starter, with BM. |
| " " | Intermediate Scratch Feed |
| " " | Large Scratch Feed |
| " " | Large Scratch Feed |
| " " | Circle A. Large Scratch Feed |
| " " | Cricle A. Large Scratch Feed |
| " " | Wheat and Corn Scratch Feed |
| " " | ‡Pigeon Feed, with Corn |
| " " | Pigeon Feed, No Corn |
| " " | ‡Turkey Growing and Finishing Mash, with BM. |
| " " | Turkey Starter, with BM. |
| " " | Complete Rabbit Pellets, with BM. |
| " " | Rabbit Feed, with BM. |
| Prichard Co., Inc., Frostburg, Md. | ‡*Wheat Mixed Feed |
| " " | Star Chop |
| Princess Anne Milling Co., Princess Anne, Md. | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Carson's Run | 6.83 | 41.00 | 41.24 | 5.00 | 5.88 | 14.00 | 11.76 | 5.56 | 28.73 | As declared on sack |
| Baltimore | 7.36 | 41.00 | 41.07 | 5.00 | 6.50 | 14.00 | 12.56 | 5.44 | 27.07 | " " |
| Mt. Lake Park | 5.61 | 50.00 | 53.09 | 5.00 | 10.50 | 3.00 | 3.58 | 26.92 | .30 | " " |
| Mt. Lake Park | 4.20 | 50.00 | 50.37 | 3.00 | 11.97 | 3.00 | 2.37 | 30.95 | .14 | As declared on sack |
| Baltimore | 6.01 | 43.00 | 43.26 | 6.00 | 6.72 | 12.00 | 11.20 | 5.43 | 27.38 | " " |
| Cardiff | 6.23 | 41.00 | 42.82 | 6.00 | 8.86 | 10.00 | 4.97 | 5.81 | 31.31 | " " |
| Baltimore | 6.99 | 41.00 | 43.35 | 6.00 | 8.72 | 10.00 | 4.29 | 5.25 | 31.40 | " " |
| Centreville | 8.68 | 32.00 | 34.76 | 4.50 | 5.10 | 9.00 | 7.51 | 10.18 | 33.77 | " " |
| Berwyn | 10.39 | 21.00 | 21.55 | 4.00 | 4.42 | 10.00 | 8.35 | 8.03 | 47.26 | " " |
| Sudlersville | 10.76 | 20.00 | 20.97 | 4.00 | 3.92 | 12.00 | 10.83 | 8.57 | 44.95 | " " |
| Trego | 9.65 | 18.00 | 18.60 | 4.00 | 5.12 | 8.00 | 6.67 | 9.70 | 50.26 | " " |
| Berwyn | 9.19 | 20.00 | 22.11 | 4.50 | 4.81 | 6.75 | 5.50 | 12.66 | 45.73 | " " |
| Hebron | 8.97 | 16.50 | 18.25 | 4.50 | 4.45 | 6.00 | 4.57 | 8.23 | 55.53 | " " |
| Hagerstown | 9.70 | 16.50 | 18.16 | 4.50 | 4.41 | 6.00 | 4.13 | 9.87 | 53.73 | " " |
| Hebron | 10.20 | 16.00 | 16.85 | 4.50 | 4.44 | 6.00 | 6.26 | 7.13 | 55.12 | " " |
| Sud.ersville | 9.55 | 4.50 | 5.63 | 1.50 | 1.82 | 28.00 | 21.86 | 7.06 | 54.08 | " " |
| Centreville | 10.20 | 9.00 | 10.75 | 2.00 | 3.98 | 10.00 | 7.02 | 3.60 | 64.45 | " " |
| Berwyn | 10.51 | 7.50 | 11.80 | 2.00 | 3.59 | 10.00 | 7.77 | 3.76 | 62.57 | " " |
| Baltimore | 5.03 | 4.00 | 6.41 | 1.50 | 2.31 | 30.00 | 27.01 | 6.55 | 52.69 | " " |
| Baltimore | 10.74 | 16.00 | 20.27 | 3.50 | 4.44 | 4.00 | 4.78 | 7.07 | 52.70 | " " |
| Berwyn | 10.58 | 16.00 | 18.16 | 3.50 | 4.66 | 4.00 | 3.20 | 6.96 | 56.44 | " " |
| Centreville | 11.80 | 10.00 | 10.27 | 2.00 | 2.37 | 4.00 | 1.35 | 1.71 | 72.50 | " " |
| Baltimore | 11.29 | 10.00 | 11.85 | 2.00 | 2.36 | 4.00 | 1.52 | 1.38 | 71.60 | " " |
| Berwyn | 11.82 | 10.00 | 11.76 | 2.00 | 2.59 | 4.00 | 1.29 | 2.18 | 70.36 | " " |
| Berwyn | 10.86 | 16.00 | 17.55 | 4.00 | 4.12 | 4.00 | 3.80 | 10.36 | 53.31 | A. |
| Baltimore | 11.38 | 10.00 | 11.41 | 2.00 | 2.95 | 4.00 | 1.97 | 1.48 | 70.81 | As declared on sack |
| Baltimore | 10.14 | 10.00 | 11.85 | 2.00 | 2.76 | 4.00 | 2.40 | 1.47 | 71.38 | " " |
| Berwyn | 12.37 | 10.00 | 11.67 | 2.00 | 3.12 | 4.00 | 2.55 | 2.24 | 68.05 | " " |
| Baltimore | 11.45 | 10.00 | 11.06 | 2.00 | 2.66 | 4.00 | 2.46 | 1.69 | 70.68 | " " |
| Berwyn | 12.15 | 10.00 | 11.06 | 2.00 | 2.96 | 4.00 | 2.49 | 1.82 | 69.52 | " " |
| Berwyn | 11.07 | 10.00 | 11.06 | 2.00 | 2.98 | 4.00 | 2.20 | 1.73 | 70.96 | " " |
| Centreville | 10.57 | 12.00 | 14.22 | 2.00 | 3.53 | 4.00 | 3.77 | 2.11 | 65.80 | " " |
| Baltimore | 11.00 | 12.00 | 15.05 | 2.00 | 2.82 | 4.00 | 3.39 | 2.11 | 65.63 | " " |
| Berlin | 8.87 | 21.00 | 21.15 | 5.00 | 5.74 | 7.00 | 8.58 | 10.91 | 44.75 | " " |
| Berlin | 8.44 | 21.50 | 21.59 | 4.50 | 5.18 | 11.00 | 8.98 | 9.80 | 46.01 | " " |
| Berwyn | 9.81 | 14.00 | 14.65 | 2.00 | 3.22 | 20.00 | 17.26 | 7.96 | 47.10 | A. |
| Baltimore | 11.44 | 13.00 | 15.97 | 3.00 | 4.18 | 12.00 | 5.90 | 6.81 | 55.70 | " " |
| Cumberland | 9.58 | 14.00 | 17.02 | 4.00 | 3.41 | 9.00 | 4.31 | 3.54 | 62.14 | " " |
| Frostburg | 8.72 | 8.00 | 8.69 | 3.00 | 3.72 | 18.00 | 16.60 | 4.49 | 57.78 | " " |
| Princess Anne | 9.86 | 14.00 | 14.30 | 3.50 | 3.52 | 9.00 | 9.04 | 6.70 | 56.58 | " " |
| Princess Anne | 11.40 | 13.00 | 13.78 | 3.50 | 3.21 | 10.00 | 4.57 | 3.35 | 63.69 | " " |

A—Also detected Linseed Oil Meal.
A—Fat and Fibre guarantee on sack differ from license.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Procter & Gamble Distributing Co., Cincinnati, Ohio** | Cocoanut Oil Meal |
| **Quaker City Flour Mills, Co., Philadelphia, Pa.** | Winter Wheat Bran, G.S.N.Ex.M.R. |
| " " " | Winter Wheat Middlings, N.Ex.M.R. |
| **Quaker Oats Co., Chicago, Ill.** | 24% Protein Dairy Ration |
| " " | Ful-O-Pep Egg Mash |
| " " | Ful-O-Pep Egg Mash |
| " " | Yellow Hominy Feed |
| " " | Ful-O-Pep Station Grade Fattening Feed |
| " " | Barley Feed |
| " " | Ful-O-Pep Fine Chick Feed |
| " " | Ful-O-Pep Chick Starter |
| " " | Early Bird Fine Chick Feed N. G. |
| " " | Big Egg Scratch Grains N. G. |
| " " | Big Egg Scratch Grains N. G. |
| " " | Ful-O-Pep Scratch Grains |
| **Queen Anne Roller Mills, Queen Anne, Md.** | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| " " " | Turkey Feed |
| **Ralston Purina Co., St. Louis, Mo.** | 34% Cow Chow |
| " " | 34% Cow Chow |
| " " | 24% Cow Chow |
| " " | 24% Cow Chow |
| " " | 24% Cow Chow |
| " " | 20% Cow Chow |
| " " | Protena 16% Dairy Feed |
| " " | All Mash Egg Chowder |
| " " | All Mash Egg Chowder |
| " " | Egg Chowder |
| " " | Egg Chowder |
| " " | Breeder Egg Chowder |
| " " | Hen Chow |
| " " | Lay Chow |
| " " | Lay Chow |
| " " | Broiler Chow |
| " " | Pig and Hog Chow |
| " " | Bulky Las Chow (Buffalo Mill) |
| " " | Chicken Fat Chow |
| " " | Chick Growena Chow |
| " " | All Mash Startena Chow |
| " " | All-Mash Startena Chow |
| " " | Chick Startena Chow |
| " " | Chick Chow |
| " " | Protena Scratch Feed (Buffalo Mill) |
| " " | Turkey Startena Chow |
| " " | Rabbit Chow |
| **M. G. Rankin & Co., Milwaukee, Wis.** | Wheat Bran, Ground Screenings N. Ex. M. R. |

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Hagerstown | 6.91 | 20.00 | 20.80 | 5.00 | 6.56 | 11.00 | 10.73 | 7.30 | 47.70 | As declared on sack |
| Chestertown | 8.50 | 13.00 | 15.88 | 3.00 | 4.27 | 10.50 | 7.97 | 6.13 | 57.25 | " " |
| Chestertown | 8.06 | 14.00 | 15.88 | 4.00 | 4.67 | 5.50 | 4.25 | 5.33 | 61.81 | " " |
| Mt. Airy | 9.00 | 24.00 | 24.67 | 4.00 | 4.00 | 12.00 | 10.09 | 12.21 | 40.03 | As declared on sack |
| Mt. Airy | 8.54 | 20.00 | 19.14 | 4.50 | 5.77 | 8.00 | 6.36 | 5.58 | 54.61 | " " |
| Baltimore | 8.52 | 20.00 | 20.04 | 4.50 | 5.29 | 8.00 | 5.97 | 7.65 | 52.53 | " " |
| Owings Mills | 9.42 | 10.00 | 11.06 | 5.00 | 4.97 | 5.00 | 4.31 | 2.60 | 67.64 | " " |
| Baltimore | 7.90 | 12.00 | 13.95 | 4.50 | 5.59 | 5.50 | 4.22 | 3.69 | 64.65 | " " |
| Gaithersburg | 8.96 | 12.00 | 14.57 | 3.00 | 3.34 | 12.00 | 7.56 | 4.30 | 61.27 | " " |
| Baltimore | 10.77 | 11.00 | 11.85 | 2.50 | 3.40 | 2.00 | 2.03 | 1.38 | 70.57 | " " |
| Baltimore | 8.23 | 17.00 | 17.42 | 5.00 | 6.86 | 7.00 | 6.10 | 7.72 | 53.67 | " " |
| Cumberland | 10.81 | 10.00 | 10.97 | 2.00 | 2.83 | 2.00 | 1.77 | 1.50 | 72.12 | " " |
| Hyattsville | 9.66 | 9.50 | 10.00 | 2.00 | 3.17 | 3.50 | 2.30 | 1.62 | 73.25 | A. |
| Glyndon | 10.91 | 9.50 | 9.83 | 2.00 | 2.92 | 3.50 | 2.32 | 1.60 | 72.42 | B. |
| Baltimore | 10.87 | 9.00 | 10.27 | 2.00 | 2.81 | 3.00 | 2.74 | 1.37 | 71.94 | As declared on sack |
| Queen Anne | 8.22 | 14.00 | 14.04 | 3.00 | 3.47 | 9.00 | 10.12 | 6.87 | 57.28 | " " |
| Queen Anne | 9.96 | 14.00 | 14.13 | 3.00 | 3.48 | 6.00 | 3.85 | 3.18 | 65.40 | C. |
| Queen Anne | 9.35 | 18.00 | 17.99 | 5.00 | 4.96 | 10.00 | 6.42 | 11.85 | 49.43 | " " |
| Annapolis | 8.97 | 34.00 | 34.99 | 3.00 | 4.19 | 12.00 | 9.15 | 7.18 | 35.52 | " " |
| Myersville | 8.78 | 34.00 | 35.75 | 3.00 | 4.52 | 12.00 | 9.04 | 7.04 | 34.87 | " " |
| Baltimore | 10.40 | 24.00 | 25.78 | 3.00 | 4.46 | 12.00 | 10.24 | 7.63 | 41.49 | " " |
| Annapolis | 10.63 | 24.00 | 26.05 | 3.00 | 4.36 | 12.00 | 9.23 | 7.34 | 42.39 | " " |
| Frederick | 8.01 | 24.00 | 24.46 | 3.00 | 4.62 | 12.00 | 10.68 | 7.74 | 44.49 | " " |
| Annapolis | 10.74 | 20.00 | 22.08 | 3.00 | 4.04 | 12.00 | 10.74 | 6.75 | 45.65 | " " |
| Sykesville | 10.82 | 16.00 | 20.00 | 3.00 | 4.07 | 14.00 | 9.07 | 6.32 | 49.72 | " " |
| Frostburg | 9.96 | 15.50 | 16.85 | 3.50 | 4.06 | 8.00 | 5.61 | 11.04 | 52.48 | D. |
| Taneytown | 8.01 | 15.50 | 16.50 | 3.50 | 4.77 | 8.00 | 5.64 | 11.14 | 53.94 | E. |
| Sykesville | 8.95 | 19.00 | 21.06 | 3.50 | 3.91 | 8.00 | 7.91 | 9.90 | 48.27 | As declared on sack |
| Myersville | 9.44 | 19.00 | 20.62 | 3.50 | 5.23 | 8.00 | 7.55 | 10.21 | 46.95 | " " |
| Myersville | 9.21 | 19.00 | 20.62 | 3.50 | 5.03 | 8.00 | 7.47 | 10.60 | 47.07 | " " |
| Baltimore | 11.63 | 10.00 | 11.06 | 2.50 | 3.06 | 4.00 | 3.08 | 1.45 | 69.72 | " " |
| Baltimore | 10.25 | 17.00 | 20.21 | 2.50 | 3.86 | 8.00 | 6.32 | 12.30 | 47.06 | " " |
| Myersville | 8.19 | 17.00 | 20.14 | 2.50 | 4.24 | 8.00 | 5.60 | 12.75 | 49.08 | " " |
| Baltimore | 9.54 | 18.00 | 19.39 | 4.00 | 4.78 | 7.00 | 4.38 | 7.44 | 54.47 | " " |
| Taneytown | 9.33 | 36.00 | 36.97 | 3.00 | 4.97 | 14.00 | 9.62 | 11.54 | 27.57 | " " |
| Annapolis | 10.54 | 9.00 | 13.11 | 1.30 | 3.08 | 15.00 | 12.76 | 8.12 | 52.39 | " " |
| Taneytown | 10.73 | 15.50 | 17.02 | 3.00 | 4.58 | 5.00 | 4.81 | 5.34 | 57.52 | " " |
| Hyattsville | 9.27 | 17.00 | 18.08 | 3.50 | 4.61 | 7.00 | 6.35 | 8.60 | 53.09 | " " |
| Taneytown | 9.96 | 18.00 | 21.24 | 4.00 | 5.36 | 7.00 | 4.87 | 7.70 | 50.87 | " " |
| Hyattsville | 9.47 | 18.00 | 19.83 | 4.00 | 5.17 | 7.00 | 4.88 | 7.50 | 53.15 | " " |
| Baltimore | 8.94 | 19.00 | 22.38 | 4.00 | 5.64 | 7.00 | 6.53 | 9.44 | 47.07 | " " |
| Baltimore | 11.73 | 10.00 | 11.23 | 2.00 | 3.02 | 4.00 | 2.43 | 1.57 | 70.02 | " " |
| Baltimore | 11.36 | 9.50 | 10.00 | 2.00 | 2.73 | 4.00 | 2.75 | 1.29 | 71.87 | " " |
| Woodbine | 9.73 | 26.00 | 27.38 | 4.50 | 7.19 | 6.00 | 4.51 | 10.69 | 40.50 | " " |
| Taneytown | 9.44 | 16.00 | 17.81 | 3.50 | 4.97 | 8.00 | 6.89 | 5.12 | 55.77 | " " |
| Baltimore | 9.17 | 14.00 | 15.45 | 4.00 | 4.00 | 12.00 | 9.33 | 6.36 | 55.69 | " " |

A—Also detected Hulled Oats and Clipped Oats.
B—Also detected Hulled Oats.
C—Protein guarantee on sack differs from license.
D—Also detected Ground Milo Maize.
E—Also detected Ground Oats.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| Red Wing Milling Co., Red Wing, Minn. | ‡Special Standard Wheat Middlings |
| A. F. Rees, Hanover, Pa. | Meat Scrap |
| Thomas R. Reeve, Toledo, Ohio | ‡Success Laying Mash |
| Reindollar Co., Taneytown, Md. | 20% Dairy Ration |
| " " | 16% Sweet Dairy Feed |
| " " | Egg Mash |
| " " | Starting and Growing Mash |
| " " | Pig and Hog Meal |
| " " | Pure Winter Wheat Bran |
| " " | *Winter Wheat Middlings, M. R. S. |
| " " | Scratch Grains |
| Richards Milling Co., Cortland, Ohio | Mixed Grains for Poultry |
| Richardson Bros., Westminster, Md. | Richbro Walck Laying Mash |
| " " | Richbro Growing Mash, with Cod Liver Oil, BM. and Minerals |
| " " | Richbro Hog and Pig Meal |
| " " | Richbro Baby Chick Starter |
| Daniel Rider, Baltimore, Md. | Winner 24% Dairy Feed |
| " " | ‡Winner 24% Dairy Feed |
| " " | ‡Winner 20% Dairy Feed |
| " " | Winner 16% Dairy Feed |
| " " | ‡Winner 16% Dairy Feed |
| " " | Eager Horse Feed |
| " " | ‡Eager Horse Feed |
| " " | Winner Horse Feed |
| " " | ‡Winner Horse Feed |
| Rinaman & Brown, Hampstead, Md. | Brown's Egg Mash |
| Walter Roberts, Inc., Alexandria, Va. | 24% Dairy Ration |
| " " | Egg Mash |
| Robinson Bros., Cardiff, Md. | ‡32% Dairy Ration |
| " " | 32% Dairy Ration |
| " " | ‡*24% Dairy Ration |
| " " | 24% Dairy Ration |
| " " | 20% Dairy Ration |
| " " | ‡*20% Dairy Ration |
| " " | †Laying Mash |
| " " | ‡†Laying Mash |
| Ronck & Bevis Co., Philadelphia, Pa. | Ro-Be Mea. Meal |
| " " " | Ro-Be Meat Meal |
| " " " | Ro-Be Meat Meal |
| " " " | Ro-Be Meal Meal |
| | Ro-Be Meat Meal |

* Deficient in Protein or Fat.
† Deficient in Protein and Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Keymar | 10.84 | 15.00 | 17.55 | 5.10 | 5.67 | 9.50 | 6.55 | 4.92 | 54.47 | As declared on sack |
| Taneytown | 6.25 | 50.00 | 57.04 | 10.00 | 10.55 | 2.25 | 2.07 | 21.01 | 3.08 | " " |
| Frostburg | 8.56 | 20.00 | 20.01 | 3.00 | 4.39 | 6.90 | 6.39 | 5.72 | 54.93 | " " |
| Taneytown | 9.03 | 20.00 | 22.82 | 4.00 | 3.68 | 12.50 | 8.13 | 8.47 | 47.87 | As declared on sack |
| Taneytown | 9.76 | 16.00 | 17.10 | 3.00 | 3.25 | 11.00 | 12.92 | 6.87 | 50.10 | " " |
| Taneytown | 8.62 | 20.00 | 21.41 | 4.00 | 5.31 | 8.00 | 6.63 | 13.21 | 44.82 | " " |
| Taneytown | 7.20 | 16.00 | 17.20 | 4.50 | 4.77 | 6.00 | 4.91 | 8.22 | 57.70 | " " |
| Taneytown | 8.92 | 16.50 | 17.90 | 4.50 | 5.49 | 7.00 | 5.71 | 10.74 | 51.24 | " " |
| Taneytown | 8.78 | 14.00 | 16.15 | 4.00 | 3.98 | 9.00 | 8.47 | 7.28 | 55.34 | " " |
| Taneytown | 9.88 | 16.00 | 16.58 | 4.50 | 3.74 | 5.00 | 3.50 | 2.65 | 63.65 | " " |
| Taneytown | 10.44 | 9.00 | 11.06 | 2.00 | 3.06 | 5.00 | 2.50 | 1.93 | 71.01 | " " |
| Cumberland | 11.01 | 9.00 | 9.83 | 2.50 | 3.00 | 6.00 | 2.21 | 1.23 | 72.72 | " " |
| Westminster | 8.47 | 20.00 | 22.20 | 5.00 | 5.35 | 9.00 | 7.65 | 9.99 | 46.34 | " " |
| Westminster | 8.06 | 16.00 | 17.38 | 4.50 | 4.90 | 4.50 | 3.41 | 6.53 | 59.72 | " " |
| Westminster | 8.32 | 15.00 | 16.41 | 5.00 | 4.96 | 7.00 | 6.40 | 6.36 | 57.55 | " " |
| Westminster | 8.17 | 12.50 | 14.13 | 4.00 | 5.24 | 3.25 | 3.48 | 5.84 | 63.14 | " " |
| Baltimore | 9.24 | 24.00 | 24.29 | 4.30 | 4.88 | 10.00 | 7.33 | 5.70 | 48.56 | A. |
| Baltimore | 9.30 | 24.00 | 23.97 | 4.30 | 4.85 | 10.00 | 7.97 | 6.15 | 47.76 | A. |
| Baltimore | 9.75 | 20.00 | 20.03 | 4.00 | 4.36 | 11.00 | 7.97 | 6.66 | 51.22 | As declared on sack |
| Baltimore | 10.21 | 16.00 | 15.06 | 3.00 | 2.85 | 11.00 | 11.30 | 7.82 | 52.76 | " " |
| Baltimore | 9.12 | 16.00 | 17.15 | 3.00 | 3.22 | 11.00 | 11.03 | 7.96 | 51.52 | " " |
| Baltimore | 9.91 | 7.00 | 9.53 | 2.00 | 3.25 | 12.00 | 7.09 | 2.90 | 67.32 | " " |
| Baltimore | 10.78 | 7.00 | 8.31 | 2.00 | 3.11 | 12.00 | 9.83 | 4.44 | 63.53 | " " |
| Baltimore | 9.91 | 9.00 | 9.88 | 2.00 | 3.77 | 9.00 | 7.76 | 3.77 | 64.91 | " " |
| Baltimore | 11.65 | 9.00 | 10.42 | 2.00 | 3.09 | 9.00 | 7.10 | 3.83 | 63.91 | " " |
| Hampstead | 8.81 | 20.00 | 20.27 | 4.50 | 4.83 | 8.00 | 7.90 | 8.35 | 49.84 | As declared on sack |
| ..... | 8.83 | 24.00 | 24.04 | 4.00 | 4.29 | 12.00 | 10.15 | 8.74 | 43.95 | " " |
| ..... | 10.14 | 19.00 | 18.95 | 4.00 | 5.08 | 8.00 | 6.60 | ..... | ..... | " " |
| Cardiff | 8.50 | 32.00 | 32.39 | 5.00 | 5.16 | 9.50 | 8.21 | 8.44 | 37.30 | " " |
| Darlington | 8.68 | 32.00 | 32.05 | 5.00 | 4.87 | 9.50 | 8.55 | 8.67 | 37.18 | " " |
| Cardiff | 8.87 | 24.00 | 24.94 | 5.00 | 4.34 | 10.00 | 9.81 | 9.66 | 42.38 | " " |
| Darlington | 8.25 | 24.00 | 24.94 | 5.00 | 4.67 | 10.00 | 9.56 | 8.92 | 43.66 | " " |
| Darlington | 9.17 | 20.00 | 21.26 | 4.50 | 5.11 | 10.00 | 10.16 | 7.60 | 46.70 | " " |
| Cardiff | 10.38 | 20.00 | 21.46 | 4.50 | 3.98 | 10.00 | 10.00 | 8.49 | 45.69 | " " |
| Darlington | 9.32 | 20.00 | 19.46 | 4.75 | 3.93 | 10.00 | 6.86 | 11.50 | 48.93 | " " |
| Cardiff | 9.02 | 20.00 | 18.98 | 4.75 | 4.21 | 10.00 | 7.63 | 11.30 | 48.86 | " " |
| Chestertown | 5.68 | 50.00 | 51.42 | 8.00 | 12.70 | 3.00 | 2.55 | 27.30 | .35 | " " |
| Snow Hill | 5.20 | 50.00 | 53.97 | 8.00 | 14.40 | 3.00 | 1.71 | 24.55 | .17 | " " |
| Walkersville | 5.73 | 50.00 | 52.56 | 8.00 | 12.51 | 3.00 | 2.64 | 26.16 | .30 | " " |
| Cambridge | 5.89 | 50.00 | 49.93 | 8.00 | 12.77 | 3.00 | 3.29 | 27.29 | .83 | " " |
| Cambridge | 4.32 | 50.00 | 51.34 | 8.00 | 12.73 | 3.00 | 3.14 | 26.87 | 1.60 | " " |

A—Ingredients on sack differ from license.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **Red Wing Milling Co., Red Wing, Minn.** | ‡Special Standard Wheat Middlings |
| **A. F. Rees, Hanover, Pa.** | Meat Scrap |
| **Thomas R. Reeve, Toledo, Ohio** | ‡Success Laying Mash |
| **Reindollar Co., Taneytown, Md.** | 20% Dairy Ration |
| " " | 16% Sweet Dairy Feed |
| " " | Egg Mash |
| " " | Starting and Growing Mash |
| " " | Pig and Hog Meal |
| " " | Pure Winter Wheat Bran |
| " " | *Winter Wheat Middlings, M. R. S. |
| " " | Scratch Grains |
| **Richards Milling Co., Cortland, Ohio** | Mixed Grains for Poultry |
| **Richardson Bros., Westminster, Md.** | Richbro Walck Laying Mash |
| " " | Richbro Growing Mash, with Cod Liver Oil, BM. and Minerals |
| " " | Richbro Hog and Pig Meal |
| " " | Richbro Baby Chick Starter |
| **Daniel Rider, Baltimore, Md.** | Winner 24% Dairy Feed |
| " " | ‡Winner 24% Dairy Feed |
| " " | ‡Winner 20% Dairy Feed |
| " " | Winner 16% Dairy Feed |
| " " | ‡Winner 16% Dairy Feed |
| " " | Eager Horse Feed |
| " " | ‡Eager Horse Feed |
| " " | Winner Horse Feed |
| " " | ‡Winner Horse Feed |
| **Rinaman & Brown, Hampstead, Md.** | Brown's Egg Mash |
| **Walter Roberts, Inc., Alexandria, Va.** | 24% Dairy Ration |
| " " | Egg Mash |
| **Robinson Bros., Cardiff, Md.** | ‡32% Dairy Ration |
| " " | 32% Dairy Ration |
| " " | ‡*24% Dairy Ration |
| " " | 24% Dairy Ration |
| " " | 20% Dairy Ration |
| " " | ‡*20% Dairy Ration |
| " " | †Laying Mash |
| " " | ‡†Laying Mash |
| **Ronck & Bevis Co., Philadelphia, Pa.** | Ro-Be Mea. Meal |
| " " " | Ro-Be Meat Meal |
| " " " | Ro-Be Meat Meal |
| " " " | Ro-Be Meal Meal |
| " " " | Ro-Be Meat Meal |

* Deficient in Protein or Fat.
† Deficient in Protein and Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Keymar | 10.84 | 15.00 | 17.55 | 5.10 | 5.67 | 9.50 | 6.55 | 4.92 | 54.47 | As declared on sack |
| Taneytown | 6.25 | 50.00 | 57.04 | 10.00 | 10.55 | 2.25 | 2.07 | 21.01 | 3.08 | " " |
| Frostburg | 8.56 | 20.00 | 20.01 | 3.00 | 4.39 | 6.90 | 6.39 | 5.72 | 54.93 | " " |
| Taneytown | 9.03 | 20.00 | 22.82 | 4.00 | 3.68 | 12.50 | 8.13 | 8.47 | 47.87 | As declared on sack |
| Taneytown | 9.76 | 16.00 | 17.10 | 3.00 | 3.25 | 11.00 | 12.92 | 6.87 | 50.10 | " " |
| Taneytown | 8.62 | 20.00 | 21.41 | 4.00 | 5.31 | 8.00 | 6.63 | 13.21 | 44.82 | " " |
| Taneytown | 7.20 | 16.00 | 17.20 | 4.50 | 4.77 | 6.00 | 4.91 | 8.22 | 57.70 | " " |
| Taneytown | 8.92 | 16.50 | 17.90 | 4.50 | 5.49 | 7.00 | 5.71 | 10.74 | 51.24 | " " |
| Taneytown | 8.78 | 14.00 | 16.15 | 4.00 | 3.98 | 9.00 | 8.47 | 7.28 | 55.34 | " " |
| Taneytown | 9.88 | 16.00 | 16.58 | 4.50 | 3.74 | 5.00 | 3.50 | 2.65 | 63.65 | " " |
| Taneytown | 10.44 | 9.00 | 11.06 | 2.00 | 3.06 | 5.00 | 2.50 | 1.93 | 71.01 | " " |
| Cumberland | 11.01 | 9.00 | 9.83 | 2.50 | 3.00 | 6.00 | 2.21 | 1.23 | 72.72 | " " |
| Westminster | 8.47 | 20.00 | 22.20 | 5.00 | 5.35 | 9.00 | 7.65 | 9.99 | 46.34 | " " |
| Westminster | 8.06 | 16.00 | 17.38 | 4.50 | 4.90 | 4.50 | 3.41 | 6.53 | 59.72 | " " |
| Westminster | 8.32 | 15.00 | 16.41 | 5.00 | 4.96 | 7.00 | 6.40 | 6.36 | 57.55 | " " |
| Westminster | 8.17 | 12.50 | 14.13 | 4.00 | 5.24 | 3.25 | 3.48 | 5.84 | 63.14 | " " |
| Baltimore | 9.24 | 24.00 | 24.29 | 4.30 | 4.88 | 10.00 | 7.33 | 5.70 | 48.56 | A. |
| Baltimore | 9.30 | 24.00 | 23.97 | 4.30 | 4.85 | 10.00 | 7.97 | 6.15 | 47.76 | A. |
| Baltimore | 9.75 | 20.00 | 20.03 | 4.00 | 4.36 | 11.00 | 7.97 | 6.66 | 51.22 | As declared on sack |
| Baltimore | 10.21 | 16.00 | 15.06 | 3.00 | 2.85 | 11.00 | 11.30 | 7.82 | 52.76 | " " |
| Baltimore | 9.12 | 16.00 | 17.15 | 3.00 | 3.22 | 11.00 | 11.03 | 7.96 | 51.52 | " " |
| Baltimore | 9.91 | 7.00 | 9.53 | 2.00 | 3.25 | 12.00 | 7.09 | 2.90 | 67.32 | " " |
| Baltimore | 10.78 | 7.00 | 8.31 | 2.00 | 3.11 | 12.00 | 9.83 | 4.44 | 63.53 | " " |
| Baltimore | 9.91 | 9.00 | 9.88 | 2.00 | 3.77 | 9.00 | 7.76 | 3.77 | 64.91 | " " |
| Baltimore | 11.65 | 9.00 | 10.42 | 2.00 | 3.09 | 9.00 | 7.10 | 3.83 | 63.91 | " " |
| Hampstead | 8.81 | 20.00 | 20.27 | 4.50 | 4.83 | 8.00 | 7.90 | 8.35 | 49.84 | As declared on sack |
| | 8.83 | 24.00 | 24.04 | 4.00 | 4.29 | 12.00 | 10.15 | 8.74 | 43.95 | " " |
| | 10.14 | 19.00 | 18.95 | 4.00 | 5.08 | 8.00 | 6.60 | | | " " |
| Cardiff | 8.50 | 32.00 | 32.39 | 5.00 | 5.16 | 9.50 | 8.21 | 8.44 | 37.30 | " " |
| Darlington | 8.68 | 32.00 | 32.05 | 5.00 | 4.87 | 9.50 | 8.55 | 8.67 | 37.18 | " " |
| Cardiff | 8.87 | 24.00 | 24.94 | 5.00 | 4.34 | 10.00 | 9.81 | 9.66 | 42.38 | " " |
| Darlington | 8.25 | 24.00 | 24.94 | 5.00 | 4.67 | 10.00 | 9.56 | 8.92 | 43.66 | " " |
| Darlington | 9.17 | 20.00 | 21.26 | 4.50 | 5.11 | 10.00 | 10.16 | 7.60 | 46.70 | " " |
| Cardiff | 10.38 | 20.00 | 21.46 | 4.50 | 3.98 | 10.00 | 10.00 | 8.49 | 45.69 | " " |
| Darlington | 9.32 | 20.00 | 19.46 | 4.75 | 3.93 | 10.00 | 6.86 | 11.50 | 48.93 | " " |
| Cardiff | 9.02 | 20.00 | 18.98 | 4.75 | 4.21 | 10.00 | 7.63 | 11.30 | 48.86 | |
| Chestertown | 5.68 | 50.00 | 51.42 | 8.00 | 12.70 | 3.00 | 2.55 | 27.30 | .35 | " " |
| Snow Hill | 5.20 | 50.00 | 53.97 | 8.00 | 14.40 | 3.00 | 1.71 | 24.55 | .17 | " " |
| Walkersville | 5.73 | 50.00 | 52.56 | 8.00 | 12.51 | 3.00 | 2.64 | 26.16 | .30 | " " |
| Cambridge | 5.89 | 50.00 | 49.93 | 8.00 | 12.77 | 3.00 | 3.29 | 27.29 | .83 | " " |
| Cambridge | 4.32 | 50.00 | 51.34 | 8.00 | 12.73 | 3.00 | 3.14 | 26.87 | 1.60 | " " |

A—Ingredients on sack differ from license.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Ronck & Bevis Co., Philadelphia, Pa., (Cont.)** | Ro-Be Meat Meal |
| " " " | Ro-Be Fish Meal |
| **Rotex Milling Co., Cleveland, Ohio** | ‡Egg Mash |
| " " | ‡Starting and Growing Mash |
| **C. E. Routzahn Co., Breathedsville, Md.** | Pure Wheat Bran |
| **Rowlandville Flour Mills, Rowlandville, Md.** | Pure Wheat Bran |
| " " " | Pure Gray Shorts |
| " " " | Corn and Re-Ground Oat Feed |
| **St. Michaels Milling Co., St. Michaels, Md.** | ‡Quillens Laying Mash |
| " " " | ‡Quillens Growing Mash, with BM. and Cod Liver Oil |
| " " " | ‡Pure Wheat Bran |
| " " " | ‡†Wheat Flour Middlings |
| **St. Paul Milling Co., St. Paul, Minn.** | ‡KOMO Pure Wheat Red Dog |
| **Wm. G. Scarlett & Co., Baltimore, Md.** | Oriole Brand Special Pigeon Feed |
| " " " | Oriole Brand AAA Pigeon Feed |
| " " " | Oriole Brand AA Pigeon Feed |
| **Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.** | |
| " " | Esskay Quality Meat Scrap |
| " " | Esskay Quality Meat Scrap |
| " " | Esskay Quality Meat Scrap |
| " " | Esskay Quality Digester Tankage |
| " " | Esskay Quality Poultry Bone |
| **Schultz, Baujan & Co., Beardstown, Ill.** | ‡Honest 16% Dairy Feed |
| " " | ‡Critic Egg Mash, with DBM. and Cod Liver Oil |
| " " | ‡Critic All Mash Starting and Growing, with DBM. and Cod Liver Oil |
| " " | ‡Sunbeam Wheat Bran |
| " " | ‡Sunbeam Wheat Middlings, with M.R.S. |
| " " | ‡Premier Middlings, with M. R. S. |
| " " | ‡Corn Feed Meal |
| " " | ‡Honest Baby Chick Scratch Feed |
| " " | ‡Honest Scratch Feed |
| **Seaboard Products, Inc., Baltimore, Md.** | ‡Meat Meal |
| " " " | Meat Scrap |
| " " " | ‡*Meat Scrap |
| " " " | Meat Scrap |
| " " " | *Meat Scrap |
| " " " | Meat and Bone Scrap |
| " " " | Meat and Bone Scrap |
| " " " | Meat and Bone Scrap |
| " " " | Meat and Bone Scrap |
| " " " | Meat and Bone Scrap |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

| SAMPLED FROM | Moisture | PROTEIN Guaranteed | PROTEIN FOUND | FAT Guaranteed | FAT FOUND | FIBRE Guaranteed | FIBRE FOUND | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| St. Michaels | 7.01 | 55.00 | 59.67 | 5.00 | 9.32 | 3.00 | 5.86 | 17.50 | .64 | As declared on sack |
| Federalsburg | 5.87 | 55.00 | 61.43 | 5.00 | 6.34 | 3.00 | 1.86 | 19.94 | 4.56 | " " |
| Hancock | 9.66 | 18.00 | 19.48 | 4.00 | 5.01 | 7.00 | 5.07 | 4.80 | 55.98 | " " |
| Hancock | 9.32 | 18.00 | 18.69 | 3.50 | 5.59 | 7.00 | 4.13 | 5.77 | 56.50 | " " |
| Breathedsville | 10.74 | 15.00 | 15.97 | 4.00 | 3.75 | 8.00 | 7.48 | 5.51 | 56.55 | As declared on sack |
| Rowlandville | 8.21 | 14.00 | 14.92 | 4.00 | 3.74 | 9.00 | 9.49 | 7.48 | 56.16 | " " |
| Rowlandville | 9.78 | 15.00 | 15.97 | 4.50 | 4.53 | 6.00 | 4.08 | 4.06 | 61.58 | " " |
| Rowlandville | 8.72 | 9.00 | 10.71 | 3.00 | 2.75 | 11.00 | 11.84 | 4.10 | 61.88 | " " |
| St. Michaels | 9.59 | 20.00 | 21.94 | 5.00 | 5.24 | 7.00 | 6.80 | 8.75 | 47.68 | " " |
| St. Michaels | 9.83 | 16.00 | 16.50 | 4.00 | 4.81 | 6.00 | 5.75 | 7.10 | 56.01 | " " |
| St. Michaels | 9.71 | 14.00 | 14.04 | 4.00 | 4.16 | 11.00 | 10.08 | 7.81 | 54.20 | " " |
| St. Michaels | 11.07 | 14.00 | 13.42 | 4.00 | 3.05 | 6.00 | 3.66 | 3.40 | 65.40 | " " |
| Wash. Grove | 10.17 | 15.80 | 17.29 | 2.50 | 3.76 | 4.00 | 2.92 | 2.66 | 63.20 | " " |
| Baltimore | 9.71 | 16.00 | 15.62 | 3.00 | 4.71 | 4.00 | 4.89 | 2.47 | 62.60 | A. |
| Baltimore | 9.48 | 16.00 | 16.41 | 3.00 | 4.32 | 4.00 | 4.57 | 2.31 | 62.91 | As declared on sack |
| Baltimore | 9.93 | 13.00 | 13.51 | 3.50 | 3.87 | 4.00 | 3.89 | 1.97 | 66.83 | B. |
| Cambridge | 5.60 | 55.00 | 54.67 | 6.00 | 9.08 | 5.00 | 2.72 | 27.08 | .85 | As declared on sack |
| Hagerstown | 5.72 | 45.00 | 46.69 | 6.00 | 8.97 | 5.00 | 1.93 | 35.46 | 1.23 | C. |
| Cambridge | 5.10 | 45.00 | 47.74 | 6.00 | 8.94 | 5.00 | 1.95 | 36.04 | .23 | C. |
| Chewsville | 5.74 | 60.00 | 63.27 | 8.00 | 7.79 | 5.00 | 1.47 | 19.50 | 2.23 | D. |
| Derwood | 6.60 | 20.00 | 24.04 | 2.00 | 2.00 | 5.00 | .82 | 66.40 | .14 | As declared on sack |
| Cumberland | 9.14 | 16.00 | 17.34 | 3.50 | 4.38 | 13.00 | 9.62 | 9.46 | 50.06 | As declared on sack |
| Cumberland | 8.58 | 20.00 | 21.59 | 4.00 | 4.87 | 7.00 | 6.52 | 9.73 | 48.71 | A. |
| Cumberland | 9.45 | 16.00 | 17.02 | 4.00 | 4.24 | 6.00 | 5.39 | 6.94 | 56.96 | As declared on sack |
| Cumberland | 8.50 | 15.00 | 17.29 | 3.50 | 4.86 | 10.00 | 9.50 | 7.70 | 52.15 | " " |
| Cumberland | 10.52 | 16.00 | 16.50 | 3.50 | 4.60 | 10.00 | 6.10 | 4.26 | 58.02 | B. |
| Cumberland | 10.39 | 16.50 | 15.80 | 4.00 | 3.85 | 7.00 | 4.56 | 3.82 | 61.58 | As declared on sack |
| Cumberland | 11.04 | 8.00 | 9.21 | 3.75 | 5.00 | 5.00 | 4.56 | 2.00 | 68.19 | " " |
| Cumberland | 10.51 | 10.00 | 11.67 | 3.00 | 4.20 | 5.00 | 1.85 | 2.29 | 69.48 | " " |
| Cumberland | 11.59 | 10.00 | 10.27 | 3.00 | 3.21 | 5.00 | 2.33 | 1.70 | 70.90 | " " |
| Baltimore | 6.41 | 75.00 | 75.28 | 8.00 | 12.66 | 1.00 | 1.44 | 6.87 | ..... | " " |
| Baltimore | 7.20 | 55.00 | 60.02 | 6.00 | 12.06 | 3.00 | 1.68 | 19.03 | .01 | " " |
| Annapolis | 6.81 | 55.00 | 52.65 | 6.00 | 10.48 | 3.00 | 1.88 | 26.95 | 1.23 | " " |
| Baltimore | 7.11 | 55.00 | 55.90 | 6.00 | 10.87 | 3.00 | 1.52 | 23.90 | .70 | " " |
| Sykesville | 6.58 | 55.00 | 53.35 | 6.00 | 14.13 | 3.00 | 1.71 | 22.90 | 1.33 | " " |
| Baltimore | 6.89 | 50.00 | 52.65 | 6.00 | 10.22 | 3.00 | 1.66 | 27.02 | 1.56 | " " |
| Reisterstown | 5.80 | 50.00 | 50.02 | 6.00 | 12.54 | 3.00 | 1.98 | 27.90 | 1.76 | " " |
| Hampstead | 5.74 | 50.00 | 50.63 | 6.00 | 12.18 | 3.00 | 1.68 | 29.75 | .02 | C. |
| Baltimore | 7.17 | 50.00 | 51.42 | 6.00 | 11.57 | 3.00 | 1.89 | 27.93 | .11 | As declared on sack |
| Baltimore | 7.06 | 50.00 | 50.46 | 6.00 | 11.37 | 3.00 | 1.62 | 28.58 | .91 | " " |

A—Ingredients on sack differ from license.
B—Rice not declared on sack but found in product.
C—Should be designated as Meat and Bone Scrap.
D—Also detected Vegetable Fibrous Material.

A—Ingredients on sack differ from license.
B—Protein, Fat and Fibre guarantee on sack differ license.
C—Excessive amount of Hair.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Seaboard Products Co., Balto., Md., (Cont.) | Meat and Bone Scrap |
| " " " | Terrapin Brand Fish Meal |
| " " " | ‡Terrapin Brand Fish Meal |
| " " " | ‡*Peanut Meal |
| Shellabarger Grain Products Co., Decatur, Ill. | ‡Soybean Meal |
| Shenandoah Milling Co., Inc., Shenandoah, Va. | ‡Winter Wheat Bran |
| Sherwin Williams Co., Cleveland, Ohio | Pure Old Process Linseed Meal |
| Chas. R. Shoemaker, Inc., Philadelphia, Pa. | ‡Pureox Brand 55% Beef and Bone Scrap |
| M. L. Shoemaker & Co., Inc., Phila., Pa. | "Swift Sure" Ground Beef and Bone Scraps |
| " " " | "Swift Sure" Ground Meat and Bone Scraps |
| " " " | "Swift Sure" Ground Meat and Bone Scraps |
| J. F. Shultz, Monkton, Md. | *Laying Mash |
| " " | Pure Wheat Bran |
| " " | *Pure Wheat Midd.ings |
| W. G. Slugg, Milwaukee, Wis. | ‡Dried Buttermilk Feed |
| " " | Pure Dried Skim Milk Feed |
| D. P. Smelser & Son, New Windsor, Md. | Winter Wheat Bran |
| " " " | *Winter Wheat Middlings |
| Southwestern Milling Division of Standard Milling Co., Kansas City, Mo. | Red Turkey Pure Wheat Bran |
| Soya Products, Inc., Chicago, Ill. | Soybean Oil Meal |
| " " | Super Soy |
| Sparks Milling Co., Alton, Ill. | ‡Try Me Wheat Bran and Ground Wheat Screenings |
| Spencer Kellogg & Sons, Inc., Buffalo, N. Y. | 37% Protein Pure Old Process Linseed Meal |
| " " " | 37% Protein Pure Old Process Linseed Meal |
| " " " | 37% Protein Pure Old Process Linseed Meal |
| " " " | 37% Protein Pure Old Process Linseed Meal |
| " " " | 37% Protein Pure Old Process Linseed Meal |
| Springfield Roller Mills, Sykesville, Md. | Hering's Laying Mash |
| " " " | Pure Winter Wheat Bran |
| " " " | *Pure Winter Wheat Middlings |
| John T. Stanley Co., Inc., New York, N. Y. | ‡Meat and Bone Scrap |
| W. E. Stanton, Grantsville, Md. | Oats Chop |
| " " | *Corn Chop |
| " " | Scratch Grain |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Baltimore | 6.82 | 45.00 | **45.63** | 6.00 | **11.95** | 3.00 | **1.99** | 32.01 | 1.60 | As declared on sack |
| Reisterstown | 7.18 | 55.00 | **57.92** | 6.00 | **6.27** | 2.00 | **1.39** | 20.83 | 6.41 | " " |
| Baltimore | 7.83 | 55.00 | **58.18** | 6.00 | **6.12** | 2.00 | **1.67** | 20.91 | 5.29 | " " |
| Medford | 8.05 | 41.00 | **40.98** | 6.00 | **3.82** | 15.00 | **14.09** | 5.94 | 27.12 | " " |
| Ellicott City | 11.20 | 41.00 | **41.94** | 4.50 | **4.57** | 7.50 | **6.17** | 6.91 | 30.11 | As declared on sack |
| Westminster | 8.95 | 16.00 | **16.15** | 4.00 | **4.98** | 8.00 | **8.17** | 5.82 | 55.93 | " " |
| Wash. Grove | 9.88 | 34.00 | **38.70** | 5.00 | **5.03** | 10.00 | **7.51** | 5.44 | 33.44 | " " |
| Salisbury | 5.85 | 55.00 | **58.53** | 10.00 | **11.85** | 2.00 | **2.28** | 21.37 | .12 | " " |
| Pocomoke City | 5.57 | 55.00 | **60.90** | 6.00 | **9.41** | 3.00 | **1.77** | 22.30 | .05 | " " |
| Pocomoke City | 5.06 | 50.00 | **50.11** | 6.00 | **10.39** | 3.00 | **2.66** | 30.43 | 1.35 | " " |
| Berlin | 6.20 | 50.00 | **52.65** | 6.00 | **11.42** | 3.00 | **2.17** | 26.97 | .59 | " " |
| Monkton | 9.68 | 16.50 | **16.94** | 4.49 | **3.87** | 7.88 | **7.14** | 14.43 | 47.94 | " " |
| Monkton | 9.17 | 14.00 | **15.71** | 4.00 | **3.84** | 9.00 | **9.38** | 6.60 | 55.30 | " " |
| Monkton | 11.71 | 15.00 | **12.99** | 2.50 | **2.43** | 6.00 | **2.39** | 1.82 | 68.66 | " " |
| Hampstead | ..... | 30.00 | **30.98** | 6.00 | **5.59x** | ..... | ..... | 9.00 | ..... | " " |
| Pocomoke City | ..... | 30.00 | **34.66** | .50 | **.87x** | ..... | ..... | 8.16 | ..... | " " |
| New Windsor | 7.50 | 15.41 | **17.72** | 4.30 | **4.01** | 9.08 | **7.51** | 5.80 | 57.46 | " " |
| New Windsor | 9.28 | 15.40 | **15.36** | 3.45 | **2.77** | 3.78 | **2.01** | 2.30 | 68.28 | " " |
| Taneytown | 9.24 | 14.50 | **16.85** | 3.50 | **4.22** | 11.00 | **8.61** | 7.10 | 53.98 | As declared on sack |
| Hagerstown | 7.79 | 41.00 | **43.44** | 5.00 | **5.89** | 7.00 | **5.72** | 6.20 | 30.96 | " " |
| Myersville | 8.88 | 37.00 | **37.03** | 5.00 | **5.97** | 6.50 | **5.11** | 10.50 | 32.51 | " " |
| Oakland | 9.44 | 15.00 | **16.50** | 3.50 | **4.18** | 10.00 | **10.71** | 6.93 | 52.24 | " " |
| Hagerstown | 10.15 | 37.00 | **38.70** | 4.50 | **5.56** | 10.00 | **7.09** | 4.73 | 33.77 | " " |
| Frederick | 10.40 | 37.00 | **39.66** | 4.50 | **5.49** | 10.00 | **6.88** | 5.36 | 32.31 | " " |
| Westminster | 8.96 | 37.00 | **39.22** | 4.50 | **5.46** | 10.00 | **6.94** | 6.12 | 33.30 | " " |
| Taneytown | 9.13 | 37.00 | **39.93** | 4.50 | **5.33** | 10.00 | **6.97** | 5.60 | 33.04 | " " |
| Walkersville | 8.71 | 37.00 | **40.52** | 4.50 | **5.32** | 10.00 | **6.93** | 5.92 | 32.60 | " " |
| Sykesville | 8.55 | 19.00 | **21.06** | 5.00 | **4.93** | 10.00 | **9.77** | 7.75 | 47.94 | " " |
| Sykesville | 8.70 | 13.00 | **15.45** | 3.50 | **3.10** | 9.00 | **9.25** | 6.23 | 57.27 | " " |
| Sykesville | 11.29 | 12.00 | **12.55** | 3.00 | **2.17** | 4.00 | **1.83** | 1.66 | 70.50 | " " |
| Cumberland | 5.21 | 45.00 | **50.90** | 10.00 | **11.44** | 3.00 | **2.42** | 26.40 | 3.63 | A. |
| Grantsville | 9.68 | 11.00 | **10.97** | 3.50 | **3.66** | 15.00 | **12.30** | 4.02 | 59.37 | As declared on sack |
| Grantsville | 11.57 | 9.00 | **9.48** | 4.00 | **2.39** | 3.00 | **1.99** | 1.46 | 73.11 | " " |
| Grantsville | 11.48 | 10.00 | **10.97** | 2.50 | **2.60** | 5.00 | **2.88** | 2.74 | 69.33 | A. |

X—Fat as determined by the Roese-Gottlieb Method.
A—Detected excessive amount of Hair and or Wool.
A—Also detected Wheat Screenings.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Star Food & Remedy Co., Washington, D. C.** | Laying Mash, with Milk |
| " " " | Scratch Feed |
| **E. Steen & Bro., Baltimore, Md.** | Lady Maryland Dairy Feed |
| " " | Lady Maryland Dairy Feed |
| " " | Milk Producer Dairy Feed |
| " " | Little Boy Blue Dairy Feed |
| " " | Blue Bird Laying Mash |
| " " | *Golden Goose Laying Mash, with BM. |
| " " | Golden Goose Laying Mash, with BM. |
| " " | Golden Goose Fancy Growing Mash, with BM |
| " " | Molasses Horse Feed |
| " " | Golden Goose Brand Fancy Chick Starter, with BM. and Cod Liver Oil |
| " " | Golden Goose Brand Fancy Chick Starter, with BM. and Cod Liver Oil |
| " " | Golden Goose Baby Chick Grains |
| " " | Corn Feed Meal |
| " " | Golden Goose Brand Cracked Corn and Flaked Oats |
| " " | Blue Hen Scratch Feed |
| " " | Golden Goose Brand Scratch Feed |
| " " | Golden Goose Brand Scratch Feed |
| **D. A. Stickell & Sons, Inc., Hagerstown, Md.** | Su-Pur Sweet 32% Mixing Ration |
| " " " | Su-Pur Sweet 32% Mixing Ration |
| " " " | Dairy Queen Sweet 20% Milk Maker |
| " " " | Zip Sweet 16% Dairy Feed |
| " " " | ‡Victor Egg Mash |
| " " " | ‡Su-Pur Broiler Mash |
| " " " | ‡Su-Pur Coccidiosis Flushing Mash |
| " " " | Su-Pur Growing Mash |
| " " " | Su-Pur Growing Mash |
| " " " | ‡Su-Pur Horse and Calf Feed |
| " " " | Su-Pur All Mash Starter |
| " " " | ‡Blue Ridge Broiler Mash (Complete Starter and Grower) |
| " " " | ††Corn and Oats Chop |
| " " " | ‡Intermediate Chick Feed |
| " " " | ‡Victor Chick Feed |
| " " " | Victor Scratch Grains |
| **Suffolk Oil Mill, Inc., Suffolk, Va.** | Peanut Meal |
| " " " | Peanut Meal |
| **Supplee-Wills-Jones Milk Co., Phila., Pa.** | Roller Process Skim Milk Powder |
| **Swift & Co., Chicago, Ill.** | Fifty-Five Meat Scraps |
| " " | Fifty-Five Meat Scraps |
| " " | Meat and Bone Scrap |
| " " | Laymore Meat and Bone Scraps |
| " " | Special Bone |
| " " | Dried Buttermilk |

* Deficient in Protein or Fat.
† Deficient in Protein and Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN Guaranteed | PROTEIN FOUND | FAT Guaranteed | FAT FOUND | FIBRE Guaranteed | FIBRE FOUND | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Beltsville | 10.22 | 20.00 | **19.13** | 4.50 | **5.83** | 7.00 | **5.26** | 8.28 | 51.28 | As declared on sack |
| Beltsville | 11.43 | 10.00 | **11.06** | 2.50 | **3.48** | 5.00 | **2.70** | 2.60 | 68.73 | " " |
| Baltimore | 9.04 | 24.00 | **25.84** | 4.00 | **4.43** | 9.00 | **7.26** | 7.87 | 45.56 | " " |
| Bel Air | 10.13 | 24.00 | **23.46** | 4.00 | **4.96** | 9.00 | **8.47** | 8.15 | 44.83 | " " |
| Baltimore | 9.49 | 20.00 | **21.16** | 3.50 | **4.43** | 12.00 | **9.03** | 9.36 | 46.53 | " " |
| Baltimore | 9.36 | 16.00 | **18.18** | 3.50 | **4.00** | 13.00 | **8.43** | 8.61 | 51.42 | B. |
| Baltimore | 8.92 | 18.00 | **18.78** | 4.00 | **5.40** | 10.00 | **6.21** | 7.52 | 53.17 | " " |
| Bel Air | 8.39 | 20.00 | **18.95** | 4.00 | **5.53** | 9.00 | **6.32** | 8.30 | 52.51 | " " |
| Baltimore | 11.84 | 20.00 | **22.20** | 4.00 | **5.42** | 9.00 | **4.34** | 8.42 | 47.78 | " " |
| Baltimore | 10.02 | 18.00 | **18.69** | 4.00 | **5.97** | 8.50 | **5.53** | 8.96 | 50.83 | " " |
| Baltimore | 10.11 | 7.00 | **10.72** | 1.00 | **7.18** | 16.00 | **7.18** | 3.87 | 60.94 | " " |
| Baltimore | 9.81 | 14.00 | **14.65** | 4.00 | **4.61** | 6.00 | **5.09** | 7.16 | 58.68 | " " |
| Baltimore | 9.27 | 14.00 | **16.67** | 4.00 | **4.49** | 6.00 | **5.62** | 9.38 | 54.57 | " " |
| Baltimore | 11.93 | 10.00 | **10.71** | 3.50 | **4.65** | 2.50 | **1.85** | 1.90 | 68.96 | " " |
| Baltimore | 11.21 | 8.00 | **8.95** | 3.00 | **4.08** | 5.00 | **3.86** | 1.52 | 70.38 | " " |
| Baltimore | 10.81 | 8.00 | **9.83** | 3.00 | **4.26** | 6.00 | **5.99** | 2.34 | 66.77 | " " |
| Baltimore | 13.18 | 9.00 | **9.92** | 2.50 | **2.47** | 5.00 | **2.15** | 1.33 | 70.95 | " " |
| Baltimore | 11.81 | 10.00 | **10.00** | 2.50 | **2.62** | 5.00 | **1.98** | 1.31 | 72.28 | " " |
| Baltimore | 11.64 | 10.00 | **10.00** | 2.50 | **2.85** | 5.00 | **2.00** | 1.30 | 72.21 | " " |
| Baltimore | 9.09 | 32.00 | **32.57** | 4.50 | **4.94** | 10.00 | **9.02** | 9.21 | 35.17 | As declared on sack |
| Buck Lodge | 8.36 | 32.00 | **34.02** | 4.50 | **5.45** | 10.00 | **8.72** | 9.14 | 34.31 | " " |
| Buck Lodge | 10.49 | 20.00 | **22.11** | 3.50 | **4.49** | 10.00 | **7.82** | 7.77 | 47.32 | " " |
| Buck Lodge | 10.85 | 16.00 | **18.42** | 3.00 | **3.65** | 12.00 | **10.67** | 8.62 | 47.79 | A. |
| Baltimore | 9.27 | 20.00 | **21.50** | 5.00 | **6.09** | 6.00 | **4.72** | 10.10 | 49.32 | As declared on sack |
| Baltimore | 8.17 | 14.50 | **14.87** | 3.50 | **3.90** | 5.00 | **4.85** | 8.15 | 60.06 | B. |
| Baltimore | 7.96 | 14.00 | **14.72** | 3.00 | **3.30** | 5.00 | **4.62** | 8.74 | 60.66 | As declared on sack |
| Silver Spring | 9.68 | 17.00 | **19.74** | 4.00 | **5.74** | 6.00 | **5.40** | 8.88 | 50.56 | " " |
| Baltimore | 9.75 | 17.00 | **18.87** | 4.00 | **5.50** | 6.00 | **6.05** | 9.84 | 49.99 | " " |
| Baltimore | 11.44 | 9.00 | **10.35** | 2.50 | **2.38** | 12.00 | **5.68** | 4.10 | 66.05 | " " |
| Baltimore | 9.07 | 16.50 | **17.64** | 4.00 | **4.69** | 5.00 | **3.72** | 8.57 | 56.31 | " " |
| Baltimore | 8.37 | 15.00 | **17.46** | 4.00 | **6.03** | 5.50 | **5.30** | 8.94 | 53.90 | " " |
| Baltimore | 12.17 | 11.00 | **10.00** | 5.00 | **2.58** | 8.00 | **3.99** | 1.84 | 69.42 | " " |
| Baltimore | 12.58 | 10.00 | **11.23** | 2.50 | **3.93** | 5.00 | **2.87** | 1.85 | 67.54 | " " |
| Baltimore | 12.35 | 10.00 | **11.58** | 2.50 | **5.18** | 5.00 | **1.82** | 2.25 | 66.82 | " " |
| Hagerstown | 12.99 | 10.00 | **11.06** | 2.50 | **2.09** | 5.00 | **2.57** | 2.30 | 68.99 | " " |
| Riderwood | 6.57 | 41.00 | **41.59** | 6.00 | **8.43** | 8.00 | **5.12** | 7.90 | 30.39 | " " |
| Hampstead | 5.13 | 41.00 | **41.07** | 6.00 | **7.89** | 8.00 | **6.67** | 7.82 | 31.42 | " " |
| Hagerstown | ..... | 30.00 | **34.22** | .50 | **1.06x** | ..... | ..... | 8.10 | ..... | " " |
| Princess Anne | 5.72 | 55.00 | **55.64** | 6.00 | **13.60** | 3.00 | **2.87** | 22.03 | .14 | As declared on sack |
| Westminster | 5.88 | 55.00 | **56.95** | 6.00 | **12.42** | 3.00 | **3.70** | 20.71 | .34 | A. |
| Germantown | 6.06 | 50.00 | **49.49** | 6.00 | **10.99** | 3.00 | **1.97** | 27.84 | 3.71 | B. |
| Baltimore | 5.60 | 45.00 | **49.67** | 6.00 | **11.22** | 3.00 | **2.68** | 30.33 | .50 | As declared on sack |
| Princess Anne | 5.35 | 5.00 | **6.49** | 0.00 | ..... | 3.00 | **.84** | 84.71 | ..... | " " |
| Westminster | ..... | 30.00 | **30.89** | 5.50 | **6.14x** | ..... | ..... | 10.80 | ..... | " " |

B—Fibre guarantee on sack differs from license.

X—Fat as determined by the Roese-Gottlieb Method.

A—Also detected Dried Beet Pulp—unable to detect Brewers Dried Grains.

B—Ingredients and Protein and Fibre guarantee on sack differ from license.

A—Also detected excessive amount of Hair.

B—Also detected excessive amount of Hair and or Wool.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **Taneytown Grain & Supply Co., Taneytown, Md.** | Taney Laying Mash |
| | Taney Pig and Hog Feed |
| **Texas Star Flour Mills, Galveston, Texas** | Wheat Bran and Screenings Not more than 8% Ground Wheat Screen |
| **Theobald Animal Products Refinery, Kearny, N. J.** | ‡Production Brand Meat and Bone Scrap |
| " " | Production Brand Meat and Bone Scrap |
| | Production Brand Meat and Bone Scrap |
| **Thomas & Co., Frederick, Md.** | Excelsior Dairy Feed |
| " " | Economy Dairy Feed |
| " " | Mak-an Egg |
| " " | Egg Mash |
| " " | Gro-Quick |
| " " | Growing Mash |
| " " | Solvita Starting Mash |
| " " | Solvita Starting Mash |
| **Thurmont Milling & Supply Co., Thurmont, Md.** | ‡Pure Wheat Bran |
| | ‡*Wheat Middlings, with M. R. S. |
| **J. T. Towson & Son, Smithburg, Md.** | ‡Laying Mash |
| **Traders Feed & Grain Co., Inc., Buffalo, N. Y.** | ‡Bonny Hard Wheat Bran and Screenings |
| | ‡Bonny Hard Wheat Bran and Screenings |
| **Transit Milling Co., Galveston, Texas** | Texas Bull Brand Cottonseed Meal |
| " " " | Texas Bull Brand Cottonseed Meal |
| **Jacob Trinley & Sons, Linfield, Pa.** | Favorite Laying Mash |
| " " " | ‡Real Growing Mash |
| " " " | ‡Real Intermediate Chick Feed |
| " " " | Mixing Special |
| " " " | Real Scratch Grains |
| " " " | ‡Real Pigeon Feed |
| **Ubiko Milling Co., Cincinnati, Ohio** | Union Grains 24% Dairy Ration |
| " " " | Egg Mash |
| " " " | All-Mash Starter |
| " " " | ‡Fattening Mash |
| " " " | ‡Crusader Horse Feed |
| " " " | All-Mash Developer |
| **Unique Milling Co., Friendsville, Md.** | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| **United Mills Co., Inc., Grafton, Ohio** | Pure Wheat Bran |
| **United Milling Corp., Roscoe, Calif.** | ‡*Sun Cured Alfalfa Greens |
| **E. S. Valliant & Son, Centreville, Md.** | Fish Meal |
| " " " | ‡Fish Meal |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Taneytown | 8.01 | 18.00 | **18.87** | 4.50 | **5.09** | 6.75 | **6.62** | 9.20 | 52.21 | As declared on sack |
| Taneytown | 10.24 | 18.00 | **20.13** | 4.25 | **3.99** | 6.75 | 6.83 | 6.84 | 51.97 | " " |
| Baltimore | 9.67 | 15.00 | **17.64** | 4.00 | **4.08** | 10.50 | **9.78** | 7.02 | 51.81 | " " |
| Hagerstown | 6.42 | 50.00 | **54.76** | 5.00 | **10.57** | 3.00 | **3.44** | 28.58 | ..... | A. |
| Cambridge | 5.69 | 50.00 | **54.76** | 5.00 | **10.61** | 3.00 | **3.49** | 23.45 | 2.00 | B. |
| Federalsburg | 5.71 | 50.00 | **52.21** | 5.00 | **11.61** | 3.00 | **3.77** | 23.60 | 3.10 | B. |
| Gaithersburg | 9.57 | 24.00 | **25.27** | 5.00 | **4.90** | 9.00 | **7.00** | 6.24 | 47.02 | As declared on sack |
| Gaithersburg | 9.28 | 20.00 | **20.27** | 4.50 | **4.87** | 9.00 | **8.51** | 6.78 | 50.29 | " " |
| Gaithersburg | 8.94 | 20.00 | **20.18** | 5.00 | **4.85** | 9.00 | **6.35** | 8.83 | 50.85 | " " |
| Gaithersburg | 9.96 | 20.00 | **20.80** | 5.00 | **5.08** | 9.00 | **5.80** | 7.55 | 50.81 | " " |
| Gaithersburg | 9.19 | 18.00 | **18.43** | 4.50 | **4.93** | 9.00 | **6.65** | 8.20 | 52.60 | D. |
| Gaithersburg | 10.47 | 18.00 | **19.39** | 4.50 | **4.86** | 9.00 | **6.31** | 6.32 | 52.55 | D. |
| Union Bridge | 8.49 | 18.00 | **18.16** | 4.50 | **4.44** | 5.00 | **4.32** | 8.32 | 56.27 | D. |
| Gaithersburg | 8.15 | 18.00 | **18.43** | 4.50 | **4.51** | 5.00 | **4.42** | 8.74 | 55.75 | D. |
| Thurmont | 10.27 | 14.00 | **15.97** | 4.00 | **4.00** | 13.00 | **8.79** | 6.86 | 54.11 | As declared on sack |
| Thurmont | 11.17 | 15.00 | **15.27** | 4.50 | **3.09** | 5.00 | **2.77** | 2.75 | 64.95 | " " |
| Smithsburg | 9.20 | 20.00 | **20.18** | 4.00 | **4.09** | 9.00 | **7.79** | 11.76 | 46.98 | D. |
| Baltimore | 10.43 | 14.00 | **16.67** | 4.00 | **5.30** | 12.00 | **11.09** | 5.83 | 50.68 | As declared on sack |
| Berwyn | 10.30 | 14.00 | **17.02** | 4.00 | **5.03** | 12.00 | **11.10** | 6.38 | 50.17 | " " |
| Baltimore | 6.27 | 41.00 | **41.59** | 5.00 | **6.07** | 11.00 | **12.83** | 6.87 | 26.37 | " " |
| Baltimore | 6.09 | 43.00 | **43.35** | 5.00 | **7.26** | 11.00 | **10.23** | 7.14 | 25.93 | " " |
| Baltimore | 10.59 | 18.00 | **18.62** | 4.00 | **5.33** | 7.00 | **6.40** | 9.24 | 49.82 | " " |
| Baltimore | 8.39 | 17.00 | **18.52** | 4.00 | **5.07** | 10.00 | **7.32** | 8.47 | 52.23 | " " |
| Baltimore | 10.03 | 10.00 | **11.23** | 3.00 | **2.53** | 4.00 | **2.03** | 1.74 | 72.44 | " " |
| Baltimore | 11.40 | 3.00 | **4.89** | 1.00 | **1.41** | 15.00 | **16.25** | 7.16 | 58.89 | " " |
| Baltimore | 10.57 | 10.00 | **10.71** | 3.00 | **2.58** | 4.00 | **2.70** | 1.93 | 71.51 | " " |
| Baltimore | 10.50 | 10.00 | **15.27** | 2.50 | **2.70** | 5.00 | **4.20** | 2.11 | 65.22 | " " |
| Wash. Grove | 8.20 | 24.00 | **25.14** | 5.00 | **4.69** | 10.00 | **9.24** | 9.38 | 43.35 | " " |
| Wash. Grove | 8.87 | 20.00 | **20.80** | 4.00 | **4.65** | 6.00 | **4.95** | 12.74 | 47.99 | " " |
| Wash. Grove | 10.75 | 18.00 | **17.99** | 4.00 | **4.78** | 5.00 | **4.31** | 8.54 | 53.63 | " " |
| Wash. Grove | 10.53 | 13.00 | **15.27** | 4.00 | **4.04** | 6.00 | **4.94** | 4.70 | 60.52 | " " |
| Wash. Grove | 9.86 | 9.00 | **9.80** | 3.00 | **4.32** | 10.00 | **8.22** | 3.59 | 64.21 | " " |
| Wash. Grove | 10.90 | 14.00 | **15.53** | 4.00 | **4.29** | 5.00 | **4.81** | 8.06 | 56.41 | " " |
| Friendsville | 9.31 | 14.74 | **15.27** | 3.78 | **3.59** | 9.61 | **8.61** | 6.23 | 56.99 | As declared on sack |
| Friendsville | 11.23 | 14.04 | **16.23** | 4.19 | **4.98** | 4.11 | **4.02** | 3.90 | 59.64 | " " |
| Baltimore | 8.89 | 15.00 | **14.74** | 4.00 | **4.21** | 10.00 | **9.54** | 6.39 | 56.23 | " " |
| Salisbury | 7.31 | 20.00 | **19.13** | 3.00 | **2.46** | 18.00 | **21.03** | 11.08 | 38.99 | " " |
| St. Michaels | 8.48 | 55.00 | **58.97** | 5.00 | **7.48** | 2.00 | **1.18** | 20.84 | 3.05 | " " |
| Denton | 8.46 | 55.00 | **58.93** | 5.00 | **7.50** | 2.00 | **1.11** | 20.98 | 3.02 | " " |

A—Also detected excessive amount of hair.
B—Also detected excessive amount of hair and/or wool.
D—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| Van Iderstine Co., Long Island City, N. Y. | Vico Quality Meat and Bone Scraps for Poultry |
| " " " | Vico Quality Meat and Bone Scraps for Poultry |
| Vitality Mills, Inc., Chicago, Ill. | ‡*24% Maintenance Feed |
| " " | Sweet Honey Bee Dairy Feed |
| " " | C-ER-PAY Laying Mash |
| " " | ‡All Mash Starting and Growing Feed |
| " " | ‡Honey Bee Horse Feed |
| " " | ‡Advance Stock Feed |
| " " | ‡Pig Meal |
| " " | ‡Corn Feed Meal |
| " " | ‡Chick Starter |
| " " | ‡Sunflower Fine Chick Feed |
| " " | ‡Sunflower Coarse Chick |
| " " | Sunflower Scratch Feed |
| " " | ‡*Turkey Starter and Grower, with Minerals |
| Voigt Milling Co., Grand Rapids, Iowa | Pure Winter Wheat Bran |
| J. E. Walter, Parkton, Md. | Pure Wheat Bran |
| " " | Pure Wheat Middlings |
| " " | Buckwheat Middlings |
| " " | Pure Corn Meal |
| A. E. Warren, Snow Hill, Md. | Laying Mash |
| " " | Starter and Growing Mash |
| C. B. Watkins & Co., Baltimore, Md. | Foxhall Laying Mash |
| " " | Foxhall Hog Feed |
| " " | Peerless Chick Mash |
| " " | Peerless Scratch Grains |
| R. C. Wells & Co., Baltimore, Md. | Victor Scratch Grains |
| Western Condensing Co., Eureka, Calif. | Peebles Dry Skim Milk |
| Western Run Mill, Cockeysville, Md. | ‡Pure Wheat Bran |
| " " " | ‡Pure Wheat Middlings |
| Westover Mill, Westover, Md. | Pure Wheat Bran |
| " " " | Pure Wheat Middlings |
| " " " | Perfection Scratch Feed |
| Wheatena, Corp., Highspire Flour Mills Division, Highspire, Pa. | Pure Winter Wheat Bran |
| " " " | Pure Wheat Middlings |
| | Pure Wheat Middlings |
| Wheeler Supply Co., Glyndon, Md. | ‡Special Laying Mash |
| " " " | "Glyco" Growing |
| " " " | "Glyco" Starter |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Westminster | 6.10 | 50.00 | 52.39 | 5.00 | 8.80 | 3.00 | 2.91 | 27.40 | 2.40 | As declared on sack |
| Frederick | 6.21 | 50.00 | 50.28 | 5.00 | 9.04 | 3.00 | 3.22 | 28.27 | 2.98 | " " |
| Hancock | 9.16 | 24.00 | 22.04 | 3.50 | 3.14 | 12.00 | 10.13 | 9.68 | 45.85 | " " |
| Hancock | 10.54 | 16.00 | 15.39 | 4.00 | 4.32 | 12.00 | 10.48 | 10.50 | 48.77 | A. |
| Hancock | 10.12 | 18.00 | 18.65 | 3.50 | 4.80 | 8.00 | 6.13 | 10.47 | 49.83 | As declared on sack |
| Hancock | 10.00 | 15.00 | 16.15 | 3.50 | 4.24 | 4.50 | 5.83 | 1.80 | 61.98 | " " |
| Hancock | 10.18 | 9.00 | 10.34 | 3.00 | 4.14 | 10.00 | 6.53 | 5.93 | 62.88 | " " |
| Hancock | 9.48 | 7.00 | 8.95 | 2.00 | 3.94 | 12.00 | 12.62 | 7.41 | 57.60 | " " |
| Hancock | 10.79 | 18.00 | 17.22 | 3.50 | 4.82 | 7.00 | 4.94 | 10.53 | 51.70 | B. |
| Hancock | 11.33 | 9.00 | 9.65 | 3.50 | 4.06 | 3.00 | 3.37 | 1.81 | 69.78 | As declared on sack |
| Hancock | 10.49 | 14.50 | 14.62 | 4.00 | 4.51 | 5.00 | 5.24 | 8.46 | 56.68 | " " |
| Hancock | 11.77 | 10.00 | 10.88 | 2.50 | 3.62 | 5.00 | 1.76 | 1.56 | 70.41 | " " |
| Hancock | 12.21 | 10.00 | 10.35 | 2.00 | 2.21 | 5.00 | 1.71 | 1.70 | 71.82 | " " |
| Hancock | 10.20 | 10.00 | 10.09 | 2.50 | 2.40 | 5.00 | 1.81 | 1.04 | 74.46 | " " |
| Hancock | 10.16 | 17.00 | 15.62 | 3.50 | 4.79 | 8.00 | 6.95 | 10.34 | 52.14 | " " |
| Maple Grove | 10.73 | 14.00 | 15.09 | 3.00 | 4.72 | 10.00 | 8.75 | 6.02 | 54.69 | As declared on sack |
| Parkton | 10.06 | 13.00 | 15.97 | 3.00 | 3.66 | 8.00 | 6.32 | 5.18 | 58.81 | " " |
| Parkton | 11.74 | 13.00 | 15.18 | 3.00 | 3.03 | 5.00 | 3.35 | 3.04 | 63.66 | " " |
| Parkton | 11.11 | 20.00 | 20.53 | 4.00 | 5.11 | 6.00 | 17.11 | 3.91 | 42.23 | " " |
| Parkton | 11.34 | 8.00 | 9.04 | 3.00 | 3.45 | 6.00 | 1.97 | 1.10 | 73.10 | " " |
| Snow Hill | 9.06 | 18.00 | 19.74 | 4.00 | 5.08 | 7.00 | 4.74 | 8.18 | 53.20 | " " |
| Snow Hill | 8.77 | 17.00 | 18.03 | 4.00 | 4.87 | 6.00 | 3.05 | 7.43 | 57.86 | " " |
| Baltimore | 9.97 | 20.13 | 23.08 | 4.85 | 5.27 | 8.25 | 8.28 | 8.54 | 44.86 | " " |
| Baltimore | 9.38 | 15.25 | 18.85 | 2.98 | 3.97 | 7.33 | 8.64 | 8.31 | 50.85 | " " |
| Baltimore | 10.19 | 13.50 | 14.92 | 3.75 | 4.65 | 8.25 | 7.94 | 6.76 | 55.54 | " " |
| Baltimore | 7.56 | 10.00 | 10.18 | 3.00 | 2.89 | 5.00 | 2.90 | 1.88 | 74.59 | " " |
| Baltimore | 11.32 | 10.00 | 10.35 | 2.50 | 2.46 | 5.00 | 2.91 | 1.90 | 71.06 | " " |
| Preston | ..... | 33.00 | 32.91 | 0.1 | 1.40x | ..... | ..... | 9.16 | ..... | " " |
| Cockeysville | 9.08 | 14.00 | 15.09 | 3.50 | 3.82 | 9.00 | 7.67 | 6.10 | 58.24 | " " |
| Cockeysville | 10.59 | 14.00 | 14.74 | 3.50 | 4.27 | 6.00 | 2.69 | 2.64 | 65.07 | " " |
| Westover | 8.68 | 13.00 | 13.69 | 3.50 | 3.56 | 10.00 | 9.48 | 5.56 | 59.03 | As declared on sack |
| Westover | 11.07 | 13.00 | 14.22 | 3.50 | 3.47 | 5.00 | 4.10 | 3.01 | 64.13 | " " |
| Westover | 12.39 | 9.00 | 10.18 | 2.50 | 3.02 | 5.00 | 2.68 | 1.62 | 70.11 | " " |
| Mardela Sp'gs | 9.84 | 14.00 | 14.30 | 3.00 | 3.91 | 11.00 | 8.33 | 6.47 | 57.15 | A. |
| Hagerstown | 11.29 | 13.00 | 14.04 | 2.00 | 2.29 | 5.00 | 2.43 | 2.92 | 67.03 | As declared on sack |
| Mardela Sp'gs | 10.83 | 13.00 | 13.60 | 2.00 | 2.70 | 5.00 | 2.89 | 3.27 | 66.71 | " " |
| Glyndon | 7.85 | 20.00 | 20.62 | 4.50 | 5.25 | 7.00 | 9.28 | 8.46 | 48.54 | " " |
| Glyndon | 9.51 | 16.00 | 18.25 | 3.50 | 4.64 | 7.50 | 7.89 | 6.32 | 53.39 | " " |
| Glyndon | 7.79 | 18.50 | 19.39 | 5.50 | 5.15 | 7.00 | 6.84 | 6.58 | 54.25 | " " |

A—Also detected Whole Weed Seed.
B—Also detected Ground Oats.
X—Fat as determined by the Roese-Gottlieb Method.
A—Also detected Screenings.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| W. W. Wheeler, Greensboro, Md. | ‡Laying Mash |
| M. Floyd Wiley, Detour, Md. | Pure Wheat Bran |
| " " | Pure Wheat Middlings |
| Wilkins-Rogers Milling Co., Inc., Washington, D. C. | Grassy Mead 26% Dairy Feed |
| " " " | Grassy Mead 20% Dairy Feed |
| " " " | Big 5 Dairy Feed |
| | Md. University 1928 Contest Egg Mash Formula |
| " " " | Washington Egg Mash with BM. |
| " " " | Red Raven 85% Horse Feed |
| " " " | Grassy Mead Calf Meal |
| " " " | Pure Wheat Bran |
| " " " | Washington Baby Chick Grains |
| York Roller Mills Co., York, Pa. | Wheat Middlings, with G. S. N. Ex. M. R. |
| Allied Mills, Inc., Chicago, Ill. | Wayne Dog Food |
| Arcady Farms Milling Co., Chicago, Ill. | ‡*Wonder Cooked Dog Food |
| Austin Dog Bread & Animal Food Co., Chelsea, Mass. | Dog Bread Flakes |
| | Puppy Biscuit |
| Battle Creek Dog Food Co., Battle Creek, Mich. | Miller's A. 1 Biscuit |
| " " " | ‡Miller's A. 1 Puppy Meal |
| | Miller's A. 1 Ration |
| " " " | ‡Leader Kibbled Biscuit |
| Chapin & Co., Hammond, Ind. | ‡Dog Cookies Toasted |
| Chappel Bros., Inc., Rockford, Ill. | Ken-L-Biskit |
| M. J. Conner Co., Battle Creek, Mich. | †Ready-to-Feed Cooked Dog Food |
| Derwood Mill, Derwood, Md. | ‡Dog Feed |
| Dietrich & Gambrill, Inc., Frederick, Md. | Dog Biscuits |
| Gaines Food Co., Sherburne, N. Y. | Meat and Milk Meal Cooked |
| Kennel Food Supply Co., Fairfield, Conn. | *K. F. S. Biscuits |
| " " " | Cero-Meato |
| " " " | Plain Biscuits |
| " " " | Cod Liver Oil Vegetable and Meat Biscuits |
| Morrison Co., Philadelphia, Pa. | Proto Dog Food |
| National Biscuit Co., New York, N. Y. | Junior Milk-Bone |
| " " " | Milk-Bone Crumbs |
| " " " | Milk-Bone Dog Food |
| " " " | Milk-Bone Puppy Food |

* Deficient in Protein or Fat.
† Deficient in Protein and Fat.
‡ Not Licensed at time of Sale.

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Greensboro | 10.14 | 19.50 | 19.57 | 5.00 | 5.37 | 5.50 | 5.46 | 8.11 | 51.35 | As declared on pack. |
| Detour | 8.39 | 15.00 | 17.38 | 3.00 | 2.80 | 9.00 | 8.39 | 6.03 | 57.01 | " " |
| Detour | 9.91 | 14.00 | 15.97 | 3.00 | 3.71 | 5.00 | 4.19 | 4.20 | 62.02 | " " |
| Rockville | 9.14 | 26.00 | 27.38 | 5.00 | 4.99 | 9.00 | 9.89 | 6.07 | 42.53 | " " |
| Harwood | 7.88 | 20.00 | 21.59 | 5.00 | 5.68 | 9.00 | 9.24 | 7.67 | 47.94 | " " |
| UpperMarlb'o | 7.49 | 20.00 | 21.32 | 5.00 | 5.37 | 12.00 | 9.41 | 7.10 | 49.31 | " " |
| Rockville | 10.05 | 20.00 | 21.59 | 5.00 | 6.60 | 7.00 | 6.18 | 9.50 | 46.08 | " " |
| Rockville | 10.15 | 22.00 | 24.57 | 5.00 | 5.62 | 8.00 | 5.71 | 10.86 | 43.09 | " " |
| UpperMarlb'o | 11.49 | 8.00 | 9.92 | 3.00 | 3.75 | 10.00 | 6.73 | 3.47 | 64.64 | " " |
| UpperMarlb'o | 8.90 | 22.00 | 23.69 | 4.50 | 5.02 | 6.00 | 5.02 | 6.85 | 50.52 | " " |
| Rockville | 11.66 | 14.00 | 14.92 | 4.00 | 3.96 | 9.00 | 9.29 | 6.41 | 53.76 | " " |
| Clinton | 10.85 | 10.00 | 11.06 | 2.50 | 4.11 | 3.00 | 2.28 | 2.32 | 29.38 | " " |
| Taneytown | 9.69 | 14.50 | 15.45 | 4.00 | 4.02 | 5.10 | 5.81 | 3.72 | 61.31 | As declared on sack |
| Frostburg | 6.63 | 30.00 | 30.10 | 4.00 | 5.43 | 4.00 | 2.80 | 7.89 | 47.15 | " " |
| Mt. Airy | 9.07 | 20.00 | 22.38 | 5.00 | 4.08 | 5.00 | 2.06 | 6.34 | 56.07 | " " |
| Baltimore | 7.52 | 16.00 | 19.13 | 1.00 | 1.28 | 2.00 | .72 | 3.02 | 68.33 | " " |
| Baltimore | 6.73 | 18.00 | 20.62 | 1.00 | 1.88 | 2.00 | .99 | 4.17 | 65.61 | " " |
| Baltimore | 8.27 | 15.00 | 19.74 | 1.70 | 1.28 | 1.30 | 1.05 | 4.37 | 65.29 | " " |
| Baltimore | 8.89 | 15.00 | 20.18 | 1.70 | 1.23 | 1.30 | .61 | 4.79 | 64.30 | " " |
| Baltimore | 7.27 | 15.00 | 16.15 | 1.30 | 2.07 | 1.30 | .91 | 5.28 | 68.32 | " " |
| Baltimore | 7.86 | 15.00 | 19.57 | 1.30 | 1.21 | 1.30 | .75 | 4.37 | 66.24 | " " |
| Baltimore | 9.33 | 20.00 | 21.41 | 4.00 | 3.67 | 5.00 | 1.83 | 5.71 | 58.05 | A. |
| Baltimore | 6.16 | 22.00 | 24.13 | 2.50 | 2.22 | 1.50 | 1.35 | 8.47 | 57.67 | B. |
| Frostburg | 5.68 | 17.30 | 13.34 | 2.70 | 1.76 | 3.38 | 1.01 | 7.25 | 70.96 | As declared on pack. |
| Derwood | 8.99 | 25.00 | 27.09 | 4.00 | 5.27 | 4.00 | 2.95 | 12.62 | 43.08 | C. |
| Hyattsville | 8.97 | 18.00 | 22.46 | 2.50 | 2.36 | 2.00 | 1.94 | 8.05 | 56.22 | As declared on pack. |
| Hagerstown | 6.93 | 23.00 | 24.92 | 3.00 | 4.05 | 4.00 | 3.23 | 10.12 | 50.75 | As declared on pack. |
| Baltimore | 9.88 | 18.00 | 20.62 | 5.90 | 1.24 | 3.00 | .73 | 4.86 | 62.67 | " " |
| Baltimore | 7.04 | 18.00 | 19.83 | 1.00 | 1.91 | 4.00 | 1.98 | 7.98 | 61.26 | " " |
| Baltimore | 7.83 | 14.00 | 15.80 | 1.00 | 1.23 | 2.00 | 2.08 | 5.45 | 67.51 | " " |
| Baltimore | 7.59 | 18.00 | 23.17 | 2.00 | 2.27 | 4.50 | 1.70 | 3.42 | 61.85 | " " |
| | 9.60 | 25.00 | 27.20 | 3.00 | 7.27 | 3.00 | 2.68 | 13.24 | 40.01 | " " |
| Baltimore | 7.78 | 17.00 | 18.43 | 1.00 | 1.58 | 2.50 | 1.53 | 4.08 | 66.60 | " " |
| Baltimore | 6.93 | 17.00 | 16.85 | 1.00 | 1.90 | 2.50 | 1.17 | 2.60 | 70.55 | " " |
| Hyattsville | 9.01 | 17.00 | 18.08 | 1.00 | 1.63 | 2.50 | 1.34 | 4.35 | 65.59 | " " |
| Hyattsville | 8.48 | 17.00 | 17.72 | 1.00 | 1.16 | 2.50 | 1.30 | 4.02 | 67.32 | " " |

A—Ingredients on sack differ from license.
B—Protein, Fat and Fibre differ from license, ingredients on sack differ from license.
C—Also detected Ground Oats, Ground Barley, Ground Wheat and Cottonseed Meal.
A—Ingredients on sack differ from license.

| MANUFACTURER AND ADDRESS | NAME OF FEED |
|---|---|
| **Nowak Milling, Corp., Hammond, Ind.** | ‡Domino Dog-ets |
| **Old Mother Hubbard Dog Food Co., Gloucester, Mass.** | Dog Cakes |
| **Old Trusty Dog Food Co., Needham Heights, Mass.** | ‡†Bone Shaped Biscuit |
| " " " | All Terrier Food |
| " " " | Puppy Meal |
| " " " | Tit Bits |
| **Perfection Food Co., Battle Creek, Mich.** | ‡*Dog Food |
| **Peerless Dog Food Co., Battle Creek, Mich.** | ‡Peerless Ration |
| **Polk Miller Products, Corp., Richmond, Va.** | Sergeant's Dog Food |
| **Pratt Food Co., Hammond, Ind.** | ‡Dog Food (Cubed) |
| **Ralston Purina Co., St. Louis, Mo.** | ‡Purina Dog Chow |
| " " " | ‡Purina Dog Chow |
| **G. P. Rose & Co., Nashville, Tenn.** | ‡Dog and Puppy Food |
| " " " | ‡Mascot Dog Food |
| **Spratt's Patent (America) Limited, Newark, N. J.** | ‡*Challenge Terrier Meal |
| " " " | Fibo |
| " " " | Meat-Fibrine |
| | Meat-Fibrine Ovals |

* Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

| MANUFACTURERS AND ADDRESS | NAME OF FEED |
|---|---|
| **East Coast Trading Co., Baltimore, Md.** | Oberco Soluble Minerals |

| SAMPLED FROM | Moisture | PROTEIN | | FAT | | FIBRE | | Ash | Nitrogen Free Extract | INGREDIENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Guaranteed | FOUND | Guaranteed | FOUND | Guaranteed | FOUND | | | |
| Baltimore | 9.19 | 21.00 | **29.66** | 4.00 | **5.94** | 3.00 | **1.86** | 7.40 | 45.95 | A. |
| Baltimore | 6.47 | 21.00 | **22.99** | 1.67 | **1.48** | .99 | **1.08** | 5.97 | 62.01 | As declared on pack. |
| Baltimore | 7.04 | 22.85 | **21.24** | 2.70 | **1.80** | .55 | **.84** | 4.91 | 64.17 | " " |
| Baltimore | 8.09 | 18.82 | **18.95** | 1.41 | **.93** | .62 | **.97** | 2.40 | 68.66 | " " |
| Baltimore | 7.88 | 18.82 | **20.54** | 1.41 | **.96** | .54 | **.73** | 3.44 | 66.45 | " " |
| Baltimore | 8.97 | 18.81 | **19.31** | 1.35 | **.96** | .53 | **1.04** | 2.85 | 66.87 | " " |
| Baltimore | 6.41 | 15.00 | **13.60** | 1.00 | **2.77** | 5.00 | **2.17** | 3.90 | 71.15 | As declared on pack. |
| Baltimore | 6.72 | 15.00 | **18.78** | 1.00 | **2.71** | 2.00 | **2.15** | 4.87 | **64.77** | " " |
| Baltimore | 6.77 | 21.44 | **26.32** | 2.74 | **1.80** | 1.50 | **.91** | 4.16 | 60.04 | " " |
| Hebron | 9.03 | 20.00 | **21.58** | 3.00 | **5.50** | 5.00 | **3.42** | 10.12 | 50.35 | " " |
| Frostburg | 8.84 | 20.00 | **21.94** | 3.00 | **7.34** | 6.00 | **2.97** | 8.04 | 51.87 | " " |
| Baltimore | 8.86 | 20.00 | **23.43** | 3.00 | **6.55** | 6.00 | **3.15** | 8.98 | 49.03 | " " |
| Baltimore | 6.61 | 22.10 | **22.99** | 4.50 | **8.12** | 5.00 | **4.11** | 12.09 | 46.08 | " " |
| Baltimore | 7.96 | 20.97 | **22.82** | 5.51 | **5.74** | 3.41 | **4.18** | 12.10 | 47.20 | " " |
| Hagerstown | 7.37 | 19.00 | **18.60** | 1.75 | **1.20** | 2.00 | **.93** | 2.12 | 69.78 | B. |
| Hyattsville | 7.52 | 19.00 | **22.82** | 1.25 | **2.16** | 2.00 | **1.08** | 2.66 | 63.76 | As declared on pack. |
| Baltimore | 7.88 | 19.00 | **21.41** | 1.25 | **1.58** | 2.00 | **.89** | 2.34 | 65.90 | " " |
| Hyattsville | 9.06 | 19.00 | **22.46** | 1.25 | **1.08** | 2.00 | **.82** | 2.28 | 64.29 | " " |

A—Ingredients on sack differ from license.
B—Fat and Fibre guarantee on sack differ from license.

| SAMPLED FROM | CALCIUM OXIDE | | PHOSPHORUS $P_2O_5$ | |
|---|---|---|---|---|
| | Guaranteed | FOUND | Guaranteed | FOUND |
| Mt. Airy | 30.00 | **36.30** | 20.00 | **25.20** |

## MARYLAND INSPECTION AND REGULATORY SERVICE

**(June 20, 1933)**

**RESULTS OF TESTS ON PRODUCTS SOLD AS VITAMIN D CARRIERS**

| PRODUCT TESTED | AMOUNT ADDED TO BASAL RATION | | |
|---|---|---|---|
| | 1/8% | 1/4% | 1/2% |
| Vitamin Brand Pure Norwegian Cod Liver Oil. C. L. Huisking & Company, Inc., New York City | Satisfactory | Satisfactory | Satisfactory |
| Pratts Cod Liver Oil, Not U. S. P., Pratt Food Company, Philadelphia, Pennsylvania | Satisfactory | Satisfactory | Satisfactory |
| Fox Pure Norwegian Cod Liver Oil, Medicinal. T. C. Fox & Sons, Newfield, New Jersey | Satisfactory | Satisfactory | Satisfactory |
| CICo Brand Medicinal Cod Liver Oil. Consumers Import Company, 115 Broad Street, New York City | Unsatisfactory | Satisfactory | Satisfactory |
| Nopco XX Cod Liver Oil Not U. S. P. National Oil Products Company, Harrison, New Jersey | Satisfactory | Satisfactory | Satisfactory |
| Silmo XX Cod Liver Oil, Silmo Chemical Company, Vineland, New Jersey | Satisfactory | Satisfactory | Satisfactory |
| Isdahls Super Fine Poultry Cod Liver Oil. McKesson & Robbins, Bridgeport, Conn. | Unsatisfactory | Unsatisfactory | Satisfactory |

(1) The ricket-producing ration consisted of a mixture of 59 parts ground yellow corn, 25 parts wheat flour middlings, 12 parts crude casein, 1 part sodium chloride, 1 part precipitated calcium carbonate, 1 part precipitated calcium phosphate and 1 part dried yeast.

## LIME ANALYSES

A detailed report of the results obtained in the inspection and analysis of agricultural liming materials from January 1, 1933, to July 1, 1933, is contained in pages 100 to 103 inclusive. Limes are considered seriously deficient with respect to chemical analysis when they are 1 per cent or more deficient in total oxides.

## ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)

| No. | Name of Manufacturer | Name of Lime | Place of Sampling | Calcium Oxide CaO | | Magnesium Oxide MgO | | Sand & Insol. (no Val.) | Total Oxides CaO+MgO |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Guaranteed | Found | Guaranteed | Found | Found | |
| 2866 | J. E. Baker Co., York, Pa. | Victor Burned Lime | Centreville | 85.00 | 93.90 | 3.00 | 1.86 | .30 | 95.76 |
| 2903 | S. W. Barrick & Sons, Inc., Woodsboro, Md. | Agricultural Lump Lime | Woodsboro | 85.00 | 93.50 | 5.00 | 1.22 | .79 | 94.72 |
| 2901 | S. W. Barrick & Sons, Inc., Woodsboro, Md. | High Grade Agricultural Lime | Woodsboro | 75.00 | 73.60 | 5.00 | 5.51 | 7.13 | 79.11 |
| 2967 | Cavetown Planing Mill Co., Cavetown, Md. | Lump Lime | Cavetown | 80.00 | 74.70 | 2.00 | 19.24 | 2.03 | 93.94 |
| 2968 | Cavetown Planing Mill Co., Cavetown, Md. | Ground Burned Lime | Cavetown | 80.00 | 71.30 | 2.00 | 17.33 | 4.26 | 88.63 |
| 2966 | C. L. Forsythe, Hagerstown, Md. | Lump Lime | Cearfoss | 85.00 | 88.20 | 1.50 | 1.69 | 2.36 | 89.89 |
| 2906 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | Famous Frederick County Agricultural Lime | Frederick | 86.00 | 91.00 | 4.00 | 5.81 | .25 | 96.81 |
| 2855 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | Famous Frederick County Agricultural Lime | Frederick | 86.00 | 79.80 | 4.00 | 16.99 | .24 | 96.79 |
| 2898 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | Famous Frederick County Ground Lime | Frederick | 75.00 | 73.00 | 5.00 | 9.55 | 7.81 | 82.55 |
| 2907 | John S. Hyde, Westminster, Md. | Agricultural Lump Lime | Westminster | 85.00 | 82.90 | 5.00 | 13.06 | .90 | 95.96 |
| †2899 | LeGore Lime Co., LeGore, Md. | Ground Burnt Lime | LeGore | 75.00 | 71.45 | 5.00 | 6.75 | 6.71 | 78.20 |
| 2953 | Lewis Lime Kiln, Cumberland, Md. | Lump Lime | Winchester Rd. | 83.00 | 83.70 | 1.00 | 1.89 | 1.32 | 85.59 |
| 2954 | Henry Mosser, Oakland, Md. | Granulated Lime | Oakland | 68.00 | 81.45 | .50 | 1.63 | 10.74 | 83.08 |
| 2955 | Marshall Porter, Eckhart Mines, Md. | Lump Lime | Eckhart Mines | ..... | 70.30 | ..... | 10.17 | 10.53 | 80.47 |
| 2959 | Edward Savage, Friendsville, Md. | Agricultural Lump Lime | Friendsville | 68.00 | 76.90 | 2.00 | 1.29 | 9.03 | 78.19 |
| 2910 | Shank & Etzler Lime Co., Frederick, Md. | Agricultural Lump Lime | Frederick | 60.00 | 86.70 | 30.00 | 6.93 | .21 | 93.63 |
| 2911 | Shank & Etzler Lime Co., Frederick, Md. | Ground Burned Lime | Frederick | 55.00 | 61.40 | 25.00 | 20.53 | 1.44 | 81.93 |
| 2915 | Stoner & Powell, Woodsboro, Md. | Old Reliable Fountain Rock Lump Lime | Woodsboro | 85.00 | 91.25 | 2.00 | 3.12 | 1.34 | 94.37 |
| †2862 | Stoner & Powell, Woodsboro, Md. | Old Reliable Fountain Rock Ground Lime | Woodsboro | 75.00 | 62.20 | 5.00 | 8.79 | 8.38 | 70.99 |
| †2916 | Stoner & Powell, Woodsboro, Md. | Old Reliable Fountain Rock Ground Lime | Woodsboro | 75.00 | 62.50 | 5.00 | 7.92 | 8.17 | 70.42 |

† Indicates Product Deficient in Total Oxides.

## ANALYSES OF AGRICULTURAL HYDRATED LIME

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2865 | J. E. Baker Co., York, Pa. | Susquehanna Hydr'd Lime | Centreville | 65.00 | 67.35 | 3.00 | 5.98 | .32 | 73.33 |
| 2905 | S. W. Barrick & Sons, Inc., Woodsboro, Md. | Hydrated Lime | Boring | 60.00 | 64.30 | 5.00 | 5.08 | 3.93 | 69.38 |

† Indicates Product Deficient in Total Oxides.

## ANALYSES OF AGRICULTURAL HYDRATED LIME

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2865 | J. E. Baker Co., York, Pa. | Susquehanna Hydr'd Lime | Centreville | 65.00 | 67.35 | 3.00 | 5.98 | .32 | 73.33 |
| 2905 | S. W. Barrick & Sons, Inc., Woodsboro, Md. | Hydrated Lime | Boring | 60.00 | 64.30 | 5.00 | 5.08 | 3.93 | 69.38 |
| 2904 | S. W. Barrick & Sons, Inc., Woodsboro, Md. | Hydrated Lime | Woodsboro | 60.00 | 64.50 | 5.00 | 4.23 | 3.73 | 68.73 |
| 2859 | S. W. Barrick & Sons, Inc., Woodsboro, Md. | Hydrated Lime | Woodsboro | 60.00 | 64.30 | 5.00 | 4.62 | 3.40 | 68.92 |
| 2919 | Chester Valley Lime and Products Co., West Chester, Pa. | Hydrated Lime | Salisbury | 46.50 | 47.90 | 31.00 | 32.94 | 1.48 | 80.84 |
| †2929 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | Famous Frederick County Hydrated Lime | Glenburnie | 65.00 | 58.60 | 5.00 | 8.16 | 6.30 | 66.76 |
| 2920 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | Famous Frederick County Hydrated Lime | Ridgely | 65.00 | 61.80 | 5.00 | 9.11 | 3.57 | 70.91 |
| 2897 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | Famous Frederick County Hydrated Lime | Frederick | 65.00 | 61.60 | 5.00 | 8.94 | 3.49 | 70.54 |
| 2856 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | Famous Frederick County Hydrated Lime | Frederick | 65.00 | 61.70 | 5.00 | 9.33 | 3.15 | 71.03 |
| 2969 | Keller Lime Co., Inc., Buckeystown, Md. | Hydrated Lime | Buckeystown | 66.00 | 65.90 | 1.50 | 4.85 | 5.90 | 70.75 |
| 2972 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Easton | 65.00 | 64.70 | 5.00 | 5.28 | 4.02 | 69.98 |
| †2941 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Aledina | 65.00 | 60.70 | 5.00 | 5.85 | 5.82 | 66.55 |
| †2927 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Clinton | 65.00 | 63.90 | 5.00 | 4.83 | 4.77 | 68.73 |
| 2908 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Westminster | 65.00 | 65.30 | 5.00 | 5.65 | 3.08 | 70.95 |
| 2884 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Reisterstown | 65.00 | 65.70 | 5.00 | 5.93 | 2.54 | 71.63 |
| 2879 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Jessups | 65.00 | 65.05 | 5.00 | 5.85 | 4.08 | 70.90 |
| 2878 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Loch Raven | 65.00 | 66.05 | 5.00 | 5.04 | 4.27 | 71.09 |
| 2877 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Catonsville | 65.00 | 64.75 | 5.00 | 5.72 | 4.42 | 70.47 |
| 2871 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | Crownsville | 65.00 | 63.99 | 5.00 | 5.99 | 4.32 | 69.98 |
| 2860 | LeGore Lime Co., LeGore, Md. | Hydrated Lime | LeGore | 65.00 | 64.80 | 5.00 | 5.54 | 4.41 | 70.34 |
| 2934 | H. E. Millard, Annville, Pa. | Sweet-Arrow Hydrated Lime | Baltimore | 70.00 | 70.35 | 1.50 | 3.21 | .33 | 73.56 |
| 2922 | North American Cement Corp., Balto., Md. | Berkeley Hydrated Lime | Salisbury | 70.00 | 70.10 | 2.00 | 2.19 | .18 | 72.29 |
| 2851 | North American Cement, Corp. Balto., Md. | Berkeley Hydrated Lime | Hyattsville | 70.00 | 71.65 | 2.00 | 1.81 | .31 | 73.46 |
| 2957 | Ohio Hydrate & Sup. Co., Woodville, Ohio | Ohio Agricultural Hydrated Lime | Friendsville | 48.00 | 49.40 | 31.70 | 33.86 | .17 | 83.26 |
| 2912 | Shank & Etzler Lime Co., Frederick, Md. | Hydrated Lime | Frederick | 45.00 | 47.75 | 20.00 | 26.43 | 2.29 | 74.18 |
| 2854 | Shank & Etzler Lime Co., Frederick, Md. | Hydrated Lime | Frederick | 45.00 | 48.70 | 20.00 | 23.89 | 3.98 | 72.59 |
| 2945 | Steacy & Wilton Co., Wrightsville, Pa. | "Sterling" Brand Hydrated Lime | Street | 67.00 | 71.90 | 5.00 | 2.48 | .27 | 74.38 |
| 2909 | Steacy & Wilton Co., Wrightsville, Pa. | "Sterling" Brand Hydrated Lime | Taneytown | 67.00 | 72.10 | 5.00 | 2.59 | .31 | 74.69 |
| 2863 | Stoner & Powell, Woodsboro, Md. | Old Reliable Fountain Rock Hydrated Lime | Woodsboro | 60.00 | 55.15 | 2.00 | 7.07 | 6.17 | 62.22 |
| 2914 | Stoner & Powell, Woodsboro, Md. | Old Reliable Fountain Rock Hydrated Lime | Woodsboro | 60.00 | 55.10 | 2.00 | 7.63 | 6.00 | 62.37 |

† Indicates Product Deficient in Total Oxides.

## ANALYSES OF AGRICULTURAL HYDRATED LIME

| No. | Name of Manufacturer | Name of Lime | Place of Sampling | Calcium Oxide CaO | | Magnesium Oxide MgO | | Sand & Insol. (no Val.) | Total Oxides CaO+MgO |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Guaranteed | Found | Guaranteed | Found | Found | |
| 2947 | Superior Lime Co., York, Pa. | Superior Brand Lime | Baltimore | 65.00 | 60.70 | 5.00 | 9.37 | .21 | 70.07 |
| *2944 | Universal Gypsum & Lime Co. Chicago, Ill. | Palmer Hydrated Lime | Bel Air | 70.00 | 71.50 | 2.00 | 1.84 | .35 | 73.34 |
| 2921 | Warner Co., Philadelphia, Pa. | Warner's Limoid (Hydrated Lime) | Preston | 46.50 | 49.10 | 31.00 | 31.41 | .93 | 80.51 |
| 2864 | Warner Co., Philadelphia, Pa. | Warner's Limoid (Hydrated Lime) | Elkton | 46.50 | 49.60 | 31.00 | 31.90 | .65 | 81.50 |
| 2925 | Wash. Building Lime Co., Baltimore, Md. | Washington Agricultural Hydrated Lime | Annapolis | 46.50 | 46.75 | 31.00 | 32.08 | .93 | 78.83 |
| 2932 | Wash. Building Lime Co., Baltimore, Md. | Standard Agricultural Hydrated Lime | Gaithersburg | 71.00 | 72.30 | 1.00 | 1.03 | .65 | 73.33 |

## ANALYSES OF AGRICULTURAL LIMESTONE, MARL, AND OYSTER SHELLS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| †2942 | Beaver Dam Marble Co., Cockeysville, Md. | ‡Dolomitic Limestone | Cockeysville | 30.00 | 28.60 | 21.00 | 17.78 | 13.27 | 46.38 |
| 2930 | Herbert Bryant's Son, Alexandria, Va. | ‡Pulv. Oyster Shell Lime | Wash. Grove | 45.00 | 47.50 | ..... | .85 | 8.43 | 48.35 |
| 2857 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | ‡Pulverized Limestone | Frederick | 50.00 | 53.45 | ..... | 1.26 | 2.98 | 54.71 |
| 2931 | Hagerstown Lime Marl Co., Hagerst'n, Md. | Lime Marl | Hagerstown | ..... | 43.80 | ..... | .80 | 6.05 | 44.60 |
| †2918 | Potomac Poul. Food Co., Inc., Balto., Md. | ‡Potolime Oyster Shell Lime | Crisfield | 46.00 | 44.30 | .50 | .78 | 15.60 | 45.08 |
| 2917 | Stand. Lime & Stone Co., Baltimore, Md. | ‡Pulverized Limestone | Greensboro | 53.20 | 54.10 | .50 | .76 | .62 | 54.86 |
| 2870 | Stand. Lime & Stone Co., Baltimore, Md. | ‡Pulverized Limestone | College Park | 53.20 | 54.70 | .50 | .89 | .74 | 55.59 |
| 2943 | Steacy & Wilton Co., Wrightsville, Pa. | ‡Pulverized Limestone | Street | 50.00 | 45.10 | 2.00 | 8.23 | 3.24 | 53.33 |
| 2924 | Thomasville Stone & Lime Co., Thomasville, Pa. | ‡Ground Limestone | Darlington | 53.56 | 53.80 | 2.17 | 1.81 | .83 | 55.61 |
| 2971 | W. H. Valliant & Bro., Bellevue, Md. | ‡Oyster Shell Lime | Bellevue | 42.00 | 44.95 | .50 | .89 | 14.23 | 45.84 |

## ANALYSES OF MISCELLANEOUS PRODUCTS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2902 | S. W. Barrick & Sons, Inc., Woodsboro, Md. | Limall | Woodsboro | 50.00 | 62.60 | 5.00 | 3.80 | 4.78 | 66.40 |
| 2958 | Keystone Lime Co., Salisbury, Pa. | AlfalfaBrandGranul'dLime | ..... | 65.00 | 66.80 | 3.00 | 3.44 | 7.54 | 70.24 |
| 2861 | Stoner & Powell, Woodsboro, Md. | Old Reliable Fountain Rock 50-50 | Woodsboro | 55.00 | 55.10 | 3.00 | 6.39 | 6.27 | 61.49 |
| 2913 | Stoner & Powell, Woodsboro, Md. | Old Reliable Fountain Rock 50-50 | Woodsboro | 55.00 | 53.10 | 3.00 | 6.53 | 7.41 | 59.63 |

† Indicates Product Deficient in Total Oxides. * Guarantee on sack differs from license. ‡ Ground Shell or Stone, Mechanical Analyses see page 103.

## ANALYSES OF GYPSUM OR LAND PLASTER

† Indicates Product Deficient in Total Oxides. * Guarantee on sack differs from license. ‡ Ground Shell or Stone, Mechanical Analyses see page 103.

## ANALYSES OF GYPSUM OR LAND PLASTER

| No. | Name of Manufacturer | Name of Lime | Place of Sampling | Calcium Sulphate | | Sand and Insol. (no value) Found |
|---|---|---|---|---|---|---|
| | | | | Guaranteed | Found | |
| †2926 | American Agricultural Chemical Co., New York, N. Y. | Fine Ground Nova Scotia Land Plaster | Harwood | 77.70 | 74.59 | 2.36 |
| †2866 | American Agricultural Chemical Co., New York, N. Y. | Fine Ground Nova Scotia Land Plaster | Baltimore | 77.70 | 75.96 | 1.67 |
| †2956 | Baugh & Sons Co., Baltimore, Md. | Pure Ground Land Plaster | Baltimore | 77.70 | 56.68 | 3.88 |
| †2949 | Baugh & Sons Co., Baltimore, Md. | Pure Ground Land Plaster | Woodbine | 77.70 | 54.94 | 4.09 |
| †2933 | G. Ober & Sons Co., Baltimore, Md. | Nova Scotia Land Plaster | Baltimore | 77.70 | 74.82 | 2.25 |

† Indicates Product Deficient in Calcium Sulphate.

## TABLE II—SHOWING MECHANICAL ANALYSES OF GROUND LIMESTONE AND GROUND OYSTER SHELLS

For the chemical Analyses of these samples, see preceding table. Figures are percentages or pounds per hundred. "Mesh" indicates the sieve used. "20 Mesh" has 20 wires to the inch.

| No. | Name of Manufacturer | Name of Lime or Kind | Finer than 100 Mesh | Between 80 & 100 Mesh | Between 60 & 80 Mesh | Between 40 & 60 Mesh | Between 20 & 40 Mesh | Coarser than 20 Mesh |
|---|---|---|---|---|---|---|---|---|
| 2942 | Beaver Dam Marble Co., Cockeysville, Md. | Dolomitic Limestone | 54.50 | 15. | 4.50 | 16. | 10. | 0 |
| 2930 | Herbert Bryant's Son, Alexandria, Va. | Pulverized Oyster Shell Lime | 31. | 10. | 4. | 12.50 | 31.50 | 11. |
| 2857 | M. J. Grove Lime Co., Inc., Lime Kiln, Md. | Pulverized Limestone | 91.50 | 5. | .50 | 2.50 | .50 | 0 |
| 2918 | Potomac Poultry Food Co., Inc., Baltimore, Md. | Potolime Oyster Shell Lime | 40. | 9. | 3. | 11.50 | 27. | 9.50 |
| 2917 | Standard Lime & Stone Co., Baltimore, Md. | Pulvreized Limestone | 100 | 0 | 0 | 0 | 0 | 0 |
| 8270 | Standard Lime & Stone Co., Baltimore, Md. | Pulverized Limestone | 99.50 | .5 | 0 | 0 | 0 | 0 |
| 2943 | Steacy & Wilton Co., Wrightsville, Pa. | Pulverized Limestone | 100 | 0 | 0 | 0 | 0 | 0 |
| 2924 | Thomasville Stone & Lime Co., Thomasville, Pa. | Ground Limestone | 78.50 | 5. | 2. | 5.50 | 9. | 0 |
| 2971 | W. H. Valliant & Bro., Bellevue, Md. | Oyster Shell Lime | 28.50 | 12. | 4.50 | 16. | 32.50 | 6.50 |